

# **EGS Research & Consulting**

## **STUDENT LEARNING THROUGH WISCONSIN SCHOOL LIBRARY MEDIA CENTERS**

### **TEACHER AND STUDENT SURVEY REPORT**

**Prepared for:**

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## **STUDENT LEARNING THROUGH WISCONSIN SCHOOL LIBRARY MEDIA CENTERS**

### **I. EXECUTIVE SUMMARY**

#### **1. Survey Highlights**

To understand the ways and extent to which students benefit from school libraries, *Student Learning Through Wisconsin School Library Media Centers* replicated the methodology that Dr. Ross J. Todd and Dr. Carol C. Kuhlthau used in a 2004 study of Ohio school libraries. The Wisconsin study selected a random sample of 25 elementary, 25 middle/junior high and 25 high schools. Fifty-one schools participated in the study: 107 teachers and 3,957 students completed online surveys in May 2005. The teacher and student surveys consisted of 50 statements describing different dimensions of help that school libraries provide to students. The statements address seven broad areas (blocks) of school library help:

- Getting information students need (Getting information)
- Using the information to complete school work (Using Information)
- School work in general (Knowledge)
- Using computers in the library, school and at home (Technology)
- Students' general reading interests (Reading)
- Students interests and activities outside of school (Independent)
- Students' academic achievement (Academic Achievement)

#### **1.1 Teachers Rate Helpfulness of School Libraries**

Teachers and students rated each statement on a 5-point scale ranging from "1 – very helpful" to "5 – not at all helpful." The surveys also included a "does not apply" category.

The majority of teachers (57 to 99 percent) considered the school library helpful to students in all seven areas. A considerable percentage of teachers (9 to 49 percent) found the library to be "very helpful." However, between five and 25 percent of the teachers considered the library of little or no help.

Please note that ranges of percentages are used when discussing results for an entire area, because each of the seven areas is composed of multiple statements and each statement was rated independently. The composite rating for an area is expressed either as a mean score or as a range of percentages.

**Table I.1. Percentage\* of Teachers Rating Helpfulness of School Library**

	<b>Getting Information</b>	<b>Using Information</b>	<b>Knowledge</b>	<b>Technology</b>	<b>Reading</b>	<b>Independent</b>	<b>Academic Achievement</b>
Very Helpful	23-49%	10-43%	9-34%	24-44%	11-45%	4-21%	6-26%
Helpful**	84-97%	63-95%	69-92%	87-93%	77-99%	57-84%	69-92%
Of Little or No Help	5-10%	5-26%	5-25%	7-12%	4-20%	9-23%	14-25%
Not At All Helpful	0-3%	0-9%	0-7%	0-5%	1-6%	2-14%	5-14%
Does Not Apply	3-13%	4-28%	5-23%	5-8%	0-18%	14-34%	4-18%

\* Percentages were rounded.

\*\* Helpful refers to a combination of categories 1 through 4: “very helpful” through “of little help.”

## **1.2 Mean Scores of Teacher Ratings**

Teachers considered the school library helpful in all seven areas. Mean scores calculated for all teachers ranged from 1.99 to 2.78, indicating that teachers found the school library “helpful.” Teachers regarded the library most helpful as a source for getting information and as a source for using information technology followed by the areas of reading promotion and using information.

Teacher assessment of the school library’s contribution to student learning and knowledge varied by school level, school location, and alignment and integration of information technology learning standards with content standards and lessons. High school teachers considered the school library more helpful to students than elementary or middle/junior high teachers in five of seven areas. Elementary school teachers considered the school library most helpful in the areas of reading and using information

Teachers in rural schools found the school library to be more helpful than teachers in urban or suburban schools in the areas of getting information, knowledge acquisition, technology, independent skills, and academic achievement. Teachers in urban schools considered the library most helpful compared with teachers in suburban or rural schools in reading promotion and using information.

Teachers who aligned and integrated the information technology standards with content standards into their lessons considered the school library more helpful in all seven areas than teachers who did not implement such an alignment.

**Table I.2. Teachers – School Library Helpfulness Mean Scores**

	<b>Getting Information</b>	<b>Using Information</b>	<b>Knowledge</b>	<b>Technology</b>	<b>Reading</b>	<b>Independent</b>	<b>Academic Achievement</b>
All Teachers	1.99	2.23	2.44	1.99	2.13	2.78	2.64
<b>Level:</b>							
Elementary	2.04	1.95	2.55	2.34	1.84	3.02	2.81
Middle/Junior	2.15	2.54	2.56	2.07	2.33	2.74	2.77
High	1.85	2.07	2.28	1.59	2.41	2.52	2.35
<b>Location:</b>							
Urban	2.05	2.18	2.52	2.33	1.96	2.95	2.80
Suburban	2.03	2.29	2.51	1.97	2.32	2.87	2.80
Rural	1.91	2.23	2.34	1.72	2.18	2.58	2.39
<b>Alignment:</b>							
Yes	1.78	1.97	2.16	1.81	1.84	2.53	2.29
No	2.19	2.51	2.77	2.14	2.48	3.03	2.99

### 1.3 Students Rate Helpfulness of School Library

Like their teachers, the majority of students considered the school library helpful. Up to 36 percent of the students also considered the library “very helpful.” However, between 13 and 32 percent of the students found the school library of little or no help.

**Table I.3. Percentage\* of Students Rating Helpfulness of School Library**

	<b>Getting Information</b>	<b>Using Information</b>	<b>Knowledge</b>	<b>Technology</b>	<b>Reading</b>	<b>Independent</b>	<b>Academic Achievement</b>
Very Helpful	17-28%	15-25%	14-27%	21-36%	17-31%	12-24%	15-26%
Helpful**	82-92%	69-89%	71-82%	77-88%	72-83%	61-79%	70-82%
Of Little or No Help	13-23%	15-32%	17-30%	14-27%	20-31%	24-31%	22-31%
Not At All Helpful	4-10%	6-16%	7-16%	7-12%	10-18%	12-19%	15-26%
Does Not Apply	4-8%	6-14%	6-13%	5-10%	7-13%	10-21%	7-16%

\* Percentages were rounded.

\*\* Helpful refers to a combination of categories 1 through 4: “very helpful” through “of little help.”

While students, like their teachers, considered the school library helpful in all areas, they gave somewhat lower ratings to all statements. Student mean scores ranged from 2.41 to 2.99, implying a “helpful” perception of the school library. They considered the information technology area most helpful, followed by the areas of getting information and using information.

Elementary school students considered the school library more helpful compared to secondary students in all seven areas. High school students considered the school library not as helpful as elementary and middle/junior high students in all seven areas.

Students with access to school library resources from their classroom considered the library more helpful in all seven areas than students lacking such access.

**Table I.4. Students – School Library Helpfulness Mean Scores**

	<b>Getting Information</b>	<b>Using Information</b>	<b>Knowledge</b>	<b>Technology</b>	<b>Reading</b>	<b>Independent</b>	<b>Academic Achievement</b>
All Teachers	2.61	2.63	2.81	2.41	2.84	2.99	2.76
<b>Level:</b>							
Elementary	1.91	2.10	2.15	2.00	1.83	2.24	2.12
Middle/Junior	2.63	2.79	2.90	2.50	2.96	3.09	2.92
High	2.66	2.84	2.97	2.55	3.23	3.18	3.03
<b>Access to Library Catalog From Classroom:</b>							
Yes	2.24	2.37	2.50	2.19	2.44	2.62	2.48
No	2.61	2.73	2.84	2.48	2.85	3.03	2.86

## **2. Conclusions and Recommendations**

Like the Ohio Study, the Wisconsin survey on the dimensions of the help school libraries provide to students portrays the school library as a central and vital component of the school's instructional program. In fact, Wisconsin teachers and students report that school libraries and library media specialists help students acquire unique skills that they do not learn in the classroom. School libraries help students become information searchers, information reviewers and synthesizers, thereby honing all students' research and analysis skills and preparing them for continuous learning in the 21<sup>st</sup> century.

Survey data reports that the school library not only expands and broadens the knowledge students acquire in class by providing access to multiple sources, but also gives students the opportunity to evaluate the information they obtain and assess the validity of what they have learned in class. The school library enriches the student's knowledge acquisition process by exposing the student to different sources of information beyond reliance of a single source: the textbook or the teacher. In conclusion, the school library develops and imbues students with information literacy competencies.

Survey data reports that one of the most valuable contributions that the school library has made to students is technology literacy. The information technology tools that school libraries provide transform the search, identification, access and information retrieval process as well as the format that students use to present data and information. Furthermore, school libraries have helped students become proficient in the use of technology hardware, thereby imbuing them with important skills and competencies that students can use both in and out of school.

Wisconsin teachers and students believe that the school library makes an important contribution to students' personal development by providing them with skills they can apply both in and out of school. Through exposing them to different sources and formats of information and knowledge the school library expands all students' horizons and interests. By providing them with a wide range of information literacy skills and exposing them to multiple information sources the school library acts as a promoter of reading in

the broadest sense: both reading of materials that are part of the academic curriculum and reading on non-school related topics of personal interests.

Surveyed teachers believe that through the wide-ranging dimensions of help that a school library has the potential to offer to students, it contributes not only to students' academic achievement but also to the creation of a lifelong learner.

The random sample used in the teacher and student survey did not control for the effectiveness of these schools' library media programs, as the Ohio Study did by choosing only "effective school libraries." The study points to several areas that merit increased advocacy for the school library and increased use of its resources.

## **2.1 Goals for School Library Role and Use**

**Increase school library use.** Although school library resources can be accessed from the classroom in many schools, using the library as a member of a class or individually is key to benefiting from the wide range of resources the library can provide. Yet, school library use, according to students, is limited. Twenty percent of the students reported that they did not go to the library with their class during a one-month period and 30.8 percent reported not going to the library on their own during a month. More than nine percent reported going to their library only once with their class and 14.8 percent reported going only once on their own. Administrators, teachers and parents need to encourage and facilitate student frequent use of the school library.

**Broaden teacher and student view of school library services and benefits.** Not all teachers and students considered all areas addressed in the statements to be within the realm of the school library. In fact, about ten percent of the students and five to 23 percent of the teachers did not recognize the role of the school library as a school-related as well as broader source for knowledge acquisition. Ten percent or less of the students did not consider school library technology relevant to school work. Eight to 13 percent of the students did not see a connection between the activities and work they have done in the school library and their academic performance. Among teachers, between four and 28 percent did not think that the school library had a role in teaching students how to use information. Fourteen to 34 percent of the teachers did not see a role for the school library in helping students develop skills and competencies as independent learners.

The data supports the need for library media specialists to define the range of areas in which the school library can help students. This research shows that Wisconsin school library media specialists need to delineate the instructional roles of the library in areas that do raise student achievement and those that are perceived by them as less directly related to the traditional core functions of the school library. These roles need to be clearly and explicitly communicated to teachers and students. Wisconsin library media specialists also need to clarify to teachers and students the extent to which skills and competencies that students can acquire through the library can assist them both in their school work and more broadly in personal endeavors.

**Address areas where school library is perceived as not helpful.** Although a majority of teachers and students considered the school library helpful, a considerable percentage of both teachers and students indicated that the school library was of little or no help to students. For example, between 14 and 32 percent of the students considered the school library of little or no help in the areas of using information, knowledge acquisition, reading promotion, facilitating academic achievement, and applying skills and competencies beyond the school. Between 14 and 27 percent did not consider the school library helpful in the use of technology. Wisconsin library media specialists need to target the specific areas and functions within those areas where their library's services and performance are considered inadequate or unsatisfactory, and then develop strategies for improvement.



## II. BACKGROUND AND METHODOLOGY

The study of *Student Learning Through Wisconsin School Library Media Centers* is part of a larger study of the contribution to and impact of Wisconsin school library media programs on academic performance. The methodology used in this 2004 study replicates the methodology that Dr. Ross J. Todd and Dr. Carol C. Kuhlthau of the Center for International Scholarship on School Libraries at Rutgers State University of New Jersey developed for the Ohio Educational Library Media Association. The objective of the Ohio Study was to understand how and the extent to which students benefit from school libraries. To measure the benefits that school libraries provide to students, Drs. Todd and Kuhlthau constructed, based on “best practice” research, a series of statements describing different “conceptions of help.” The statements were derived from *Information Power: Building Partnerships for Learning* (ALA, 1998) which included information literacy standards for student learning. The 48 statements describing the school library’s relationship to student learning were grouped into seven conceptual blocks of help. The blocks consist of statements regarding how helpful the school library is with:

- Getting information students need
- Using the information to complete school work
- School work in general
- Using computers in the library, school and at home
- Students’ general reading interests
- Students interests and activities outside of school
- Students’ academic achievement

The Ohio Study used two instruments: a teacher instrument titled *Perceptions of Learning Impacts Survey* and a student instrument titled *The Impacts on Learning Survey*. Both instruments consisted of the 48 statements. While the student instrument worded each statement “the library helps me...”, the teacher instrument worded each statement “the library helps my students...”.

As the Ohio Study focused on best practice, it selected 39 schools with “effective library programs” and asked faculty, staff and administrators and all students in those schools to complete the teacher and student instruments. Participants were asked to rate each statement on a scale consisting of four categories: most helpful, quite helpful, some help, and a little help. Participants could also choose a “does not apply” category.

The statements included in the Ohio Study instruments, rating scale and school selection methodology were modified for the Wisconsin Study. The Wisconsin Study used the 48 statements included in the Ohio Study with the permission of Dr. Ross Todd. The statements were slightly modified to adapt them to the Wisconsin library media program and two statements were added. The rating scale was broadened from a 4-point scale of exclusively positive categories to a 5-point scale that consists of the full gamut of response categories from the positive to the negative. Response categories were modified to make them more precise and a “not at all helpful” category was added.

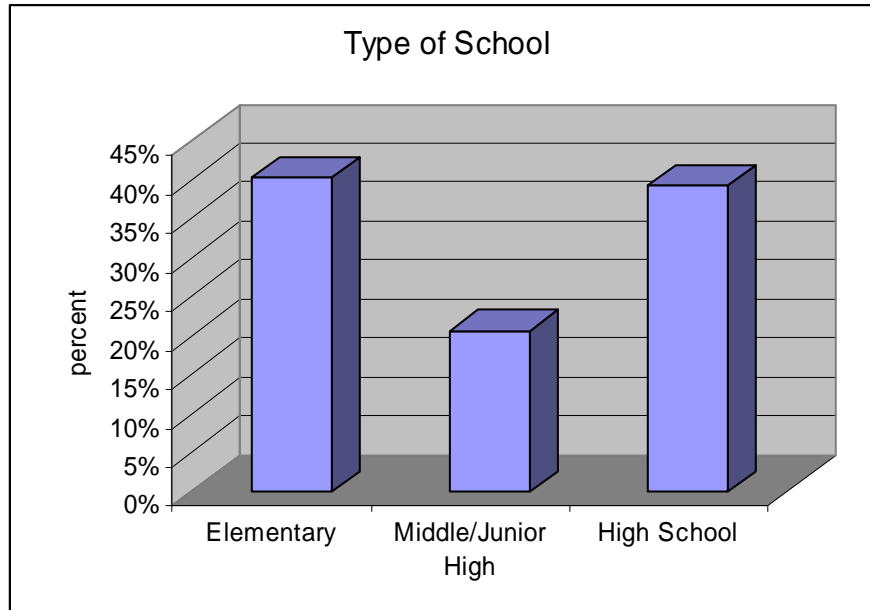
The Wisconsin Study focused on the impact of all school library media programs and so used a quota sample of 75 schools: 25 elementary, 25 middle/junior high, and 25 high schools. Schools were randomly selected within each cluster through a computerized sampling program. The Wisconsin Department of Public Instruction sent a letter to the superintendents and principals of the 75 selected schools asking for their participation in the study. In schools agreeing to participate in the study, social studies teachers and students in grades 4 (elementary), 8 (middle/junior high), and 10 (high school) were asked to complete the online surveys. Fifty-one schools participated in the study; 107 teachers and 3,957 students completed the surveys. The participating schools had different levels of library staffing. Data was collected during May 2005.

Please note that for the purpose of brevity the school library media center is referred to in this report as the school library.

### III. TEACHER SURVEY

#### 1. Background Characteristics

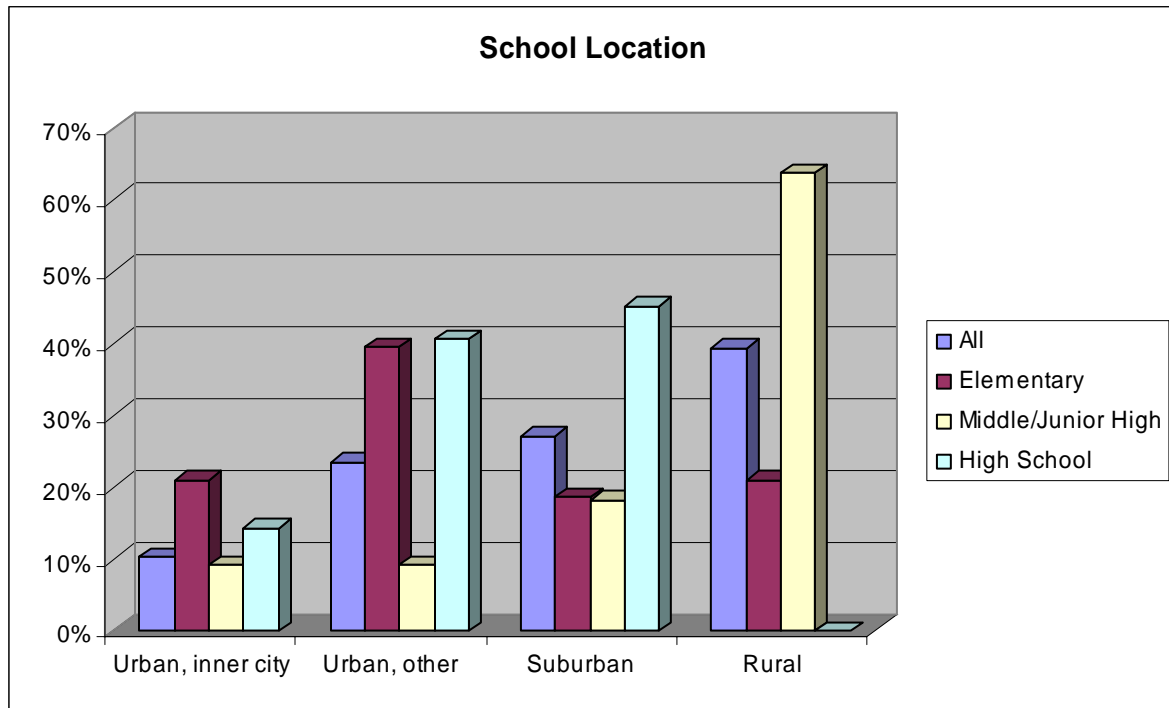
One hundred and seven teachers from 51 schools completed the Teacher Survey. More than 40 percent of the teachers worked in elementary schools, 19.6 percent were in middle/junior high schools and 35.5 percent were in high schools. In addition, 4.6 percent of the teachers worked in combined elementary and secondary schools.



**Table III.1. Type of School**

Type of School	Number of Teachers (N=107)	Percent of Teachers
Elementary	43	40.2%
Middle/Junior High	21	19.6%
High School	38	35.5%
Combined Elementary – Middle/Junior High	1	0.9%
Combined Middle/Junior High – High School	3	2.8%
Combined Elementary – Middle/Junior High – High School	1	0.9%

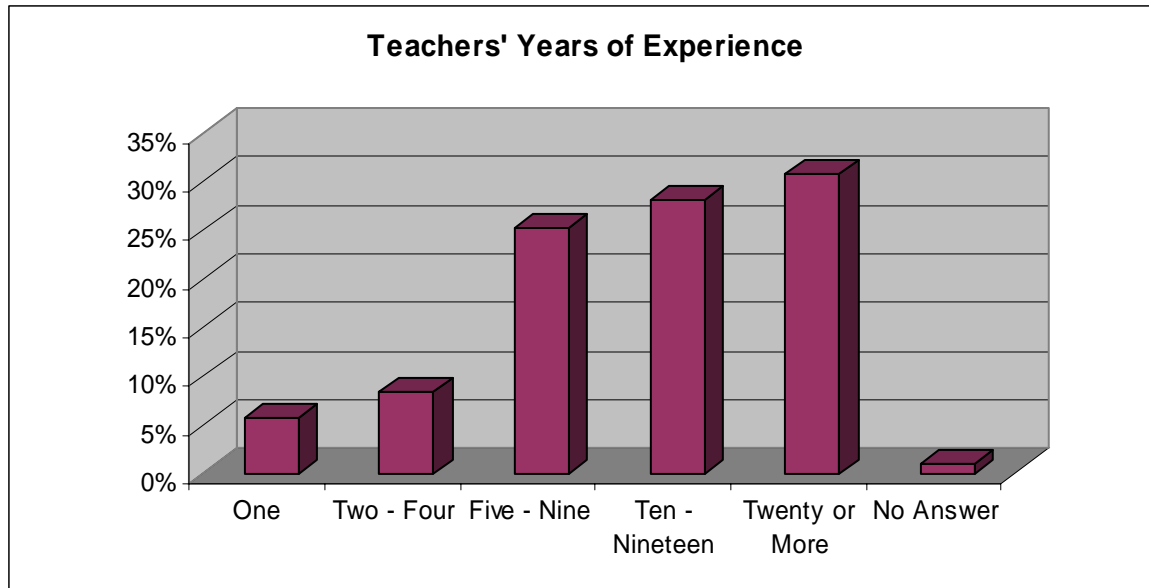
The teachers represented schools located in a variety of urban, suburban and rural areas, as they designated their school locations. About 34 percent taught in urban schools. 27.1 percent taught in suburban schools, and 39.3 percent taught in rural schools. The distribution of teachers differed by school level; i.e. elementary, middle/junior high/high. More than 60 percent of the elementary teachers taught in urban schools compared with 18.2 percent of the middle/junior high teachers and 54.8 percent of the high school teachers. More than 63 percent of the middle/junior high teachers were located in rural schools compared with none of the high school teachers and 20.9 percent of the elementary teachers.

**Table III.2. School Location**

Type of Area	All Teachers (107)		Elementary Teachers (43)	Middle/Junior High Teachers (22)	High School Teachers (42)
	Number	Percent	Percent	Percent	Percent
Urban, inner city	11	10.3%	20.9%	9.1%	14.3%
Urban, other	25	23.4%	39.5%	9.1%	40.5%
Suburban	29	27.1%	18.6%	18.2%	45.2%
Rural	42	39.3%	20.9%	63.6%	0.0%

The teachers who participated in the survey represented a wide range of subject areas. In addition to the four academic content areas, several teachers also taught Special Education, Technology Education, Spanish, World Geography, Instrumental Music, Family and Consumer Science, Business Education, and Communicative Arts.

The teachers who responded to the survey had between one and 39 years of experience. On average, teachers had 14.82 years of experience. Fourteen percent of the teachers had less than five years of experience. More than 30 percent had 20 or more years of experience.

**Table III.3. Teachers Years of Experience**

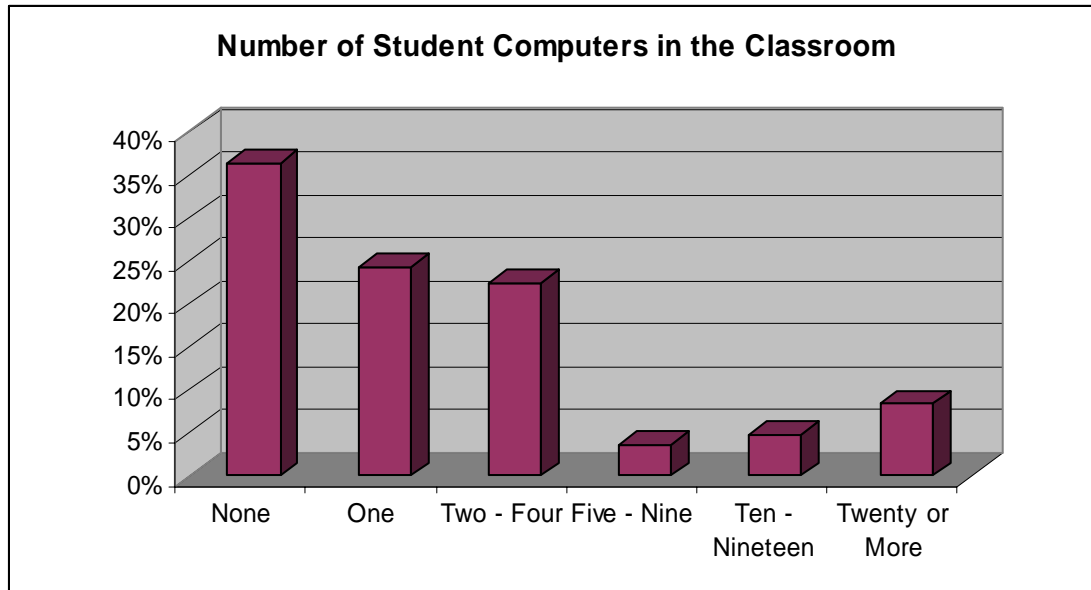
Years	Number of Teachers (N=107)	Percent of Teachers
One	6	5.6%
Two – Four	9	8.4%
Five – Nine	27	25.2%
Ten – Nineteen	30	28.0%
Twenty or More	33	30.8%
No Answer	1	0.9%
Mean	14.82	

Demographically, about 44 percent of the teachers were male and 55.1 percent were female.

**Table III.4. Teachers Gender**

	Number of Teachers (N=107)	Percent of Teachers
Male	47	43.9%
Female	59	55.1%
No Answer	1	0.9%

On average, classrooms had four computers each. Nearly one-quarter of the teachers reported that they had only one student computer in their classroom; 22.4 percent reported having between two and four computers. More than 36 percent of the teachers reported having no student computers in their classroom.



**Table III.5. Number of Student Computers in the Classroom**

Number	Number of Teachers (N=107)	Percent of Teachers
None	39	36.4%
One	26	24.3%
Two – Four	24	22.4%
Five – Nine	4	3.7%
Ten – Nineteen	5	4.7%
Twenty or More	9	8.4%
Mean	3.99	

Most commonly, access to library resources was available through teacher classroom computers. More than 75 percent of the teachers reported that library resources could be accessed from their classroom computer. Forty-two percent of the teachers could access library resources from their home computers. According to 29.0 percent of the teachers, access to students was also available from their home computers.

**Table III.6. Ability to Access Library Resources**

Access Library Resources From	Yes		No		Unsure		No Answer	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Student computers in classroom	40	37.4%	53	49.5%	11	10.3%	3	2.8%
Teacher's classroom computer	82	76.6%	15	14.0%	10	9.3%	0	0.0%
Teacher's home computer	45	42.1%	40	37.4%	19	17.8%	3	2.8%
Students' home computers	31	29.0%	36	33.6%	36	33.6%	4	3.7%

Collaborative planning of lessons between teachers and library media specialists (LMS) is one of the proven hallmarks of an effective library media program. More than 65 percent of the teachers reported that they collaborated with the library media specialist in their school in 2004-05. Eleven percent collaborated only once. About five percent of the teachers indicated that they collaborated with the library media specialist in their school 10 or more times during the 2004-05 school year. On average, teachers and library media specialists collaboratively planned lessons three times during the 2004-05 school year.

**Table III.7. Collaborative Lesson Planning with LMS**

Number of Times	Number of Teachers (N=107)	Percent of Teachers
None	37	34.6%
One	12	11.2%
Two – Four	41	38.3%
Five – Nine	12	11.2%
Ten – Nineteen	2	1.9%
Twenty or More	3	2.8%
Mean	2.97	

Approximately one-half of the teachers (51.4 percent) reported that they have aligned and integrated the Information and Technology Literacy Standards (ITLS) with their content standards and lessons.

**Table III.8. Number and Percentage of Teachers Who Aligned and Integrated ITLS with Content Standards and Lessons**

	Number of Teachers (N=107)	Percent of Teachers
Yes	55	51.4%
No	52	48.6%

The 55 teachers who reported that they have integrated ITLS standards into their lesson plans taught, on average, 3.82 units into which ITLS standards had been integrated in 2004-05. Sixty percent of these teachers taught between two and four units that were aligned and integrated with ITLS standards.

**Table III.9. Number of ITLS Integrated Content Units Taught in 2004-05**

<b>Number of Units</b>	<b>Number of Teachers (N=55)</b>	<b>Percent of Teachers</b>
One	7	12.7%
Two – Four	33	60.0%
Five – Nine	9	16.4%
Ten	6	10.9%
Mean	3.82	

## **2. Library Helpfulness**

Teachers were asked to rate 59 statements describing the helpfulness of the school library to their students in seven areas. The seven areas included:

- Getting information students need (Getting information)
- Using the information to complete school work (Using Information)
- School work in general (Knowledge)
- Using computers in the library, school and at home (Technology)
- Students' general reading interests (Reading)
- Students interests and activities outside of school (Independent)
- Students' academic achievement (Academic Achievement)

Teachers rated each statement on a 5-point scale ranging from “1 – very helpful” to “5 – not at all helpful.” The scale also included a “does not apply” category.

### **2.1 Helpfulness of School Library as an Information Source**

As in the Ohio Study, Wisconsin school libraries have a central role in the process of searching, finding, accessing, retrieving and using information. In this role, the school library helps students find a wide range of print and electronic resources and develop the conceptual framework needed for their work. The process students follow, as Drs. Todd and Kuhlthau described, involves starting the research process, focusing their searches, defining the scope of their projects, and identifying information needs. Between 84.1 and 97.2 of the teachers reported that the school library is helpful to students as an information source. Twenty-three to 48.6 percent of the teachers considered different attributes of the library as an information source as “very helpful.” Forty-five to 77.6 percent of the teachers rated statements describing the library as a source of information as “helpful” or “very helpful.” The highest percentage of teachers considered the following dimensions of the school library “very helpful” as an information source:



- The school library has helped my students feel better about asking for assistance when they go there
- The school library has helped my students find different sources of information for their research topics
- School library has helped my students know the different steps in finding and using information

Fewer than 3.0 percent of the teachers found the school library as an information source “not at all helpful.”

**Table III.10. School Library as a Source of Information**

<b>Helpfulness of School Library with Getting Information Students Needs</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
School library has helped my students know the different steps in finding and using information	40.2%	31.8%	20.6%	4.7%	0.0%	2.8%
The information in the school library has helped my students work out the questions for the topics they are studying	37.4%	33.6%	21.5%	3.7%	0.9%	2.8%
The school library has helped my students find different sources of information for their research topics	45.8%	31.8%	14.0%	5.6%	0.0%	2.8%
The school library has helped my students know when they find good information	27.1%	34.6%	23.4%	7.5%	0.0%	7.5%
The school library has helped my students find different opinions about their topics	23.4%	24.3%	29.0%	7.5%	2.8%	13.1%
The school library has helped my students feel better about doing research	32.7%	31.8%	19.6%	6.5%	2.8%	6.5%
The school library has helped my students feel better about asking for assistance when they go there	48.6%	26.2%	16.8%	4.7%	0.9%	2.8%

## **2.2 Helpfulness of School Library to Students with Using Information**

The statements included in this block address the use of information as a basis for constructing and acquiring knowledge. The statements address the use of different sources and formats of information, the use of synthesis to form and evaluate ideas, and the articulation of those ideas in a coherent manner.

Between 62.7 and 95.4 percent of teachers indicated that the library helped their students overall. Ten to 43.0 percent of the teachers considered the library “very helpful” to students in using information to do their schoolwork. Thirty-three to 77.6 percent considered the library “very helpful” or “helpful” for students in this area. The highest percentage of teachers found the library’s help in locating information and using different types of information most helpful:

- The school library has helped my students locate information relevant to their questions and topics
- The school library has helped my students use different kinds of information sources (books, magazines, CDs, websites, videos)

Eighty-six percent of the teachers credited the school library with helping their students work out the main ideas in the information they find and 71.9 percent reported that the library helped their students articulate information and ideas in their own words. More than 90 percent of the teachers also reported that the library helped students reflect and learn from their experience.

**Table III.11. School Library and Students' Use of Information**

<b>Helpfulness of School Library for Students with Using the Information to Complete School Work</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped my students use different kinds of information sources (books, magazines, CDs, websites, videos)	40.2%	29.0%	18.7%	7.5%	0.9%	3.7%
The school library has helped my students work out the main ideas in the information they find	21.5%	36.4%	18.7%	9.3%	0.9%	13.1%
The school library has helped my students get better at taking notes	10.3%	22.4%	13.1%	15.9%	9.3%	28.0%
The school library has helped my students put new information and ideas together for their topics	21.5%	29.9%	21.5%	11.2%	2.8%	13.1%
The school library has helped my students put information and ideas in their own words	15.9%	19.6%	16.8%	18.7%	7.5%	20.6%
The school library has helped my students learn about how they should find information next time	35.5%	30.8%	15.9%	8.4%	0.9%	8.4%
The school library has helped my students appreciate and understand that good research takes a lot of time and work	25.2%	31.8%	17.8%	9.3%	3.7%	12.1%
The information my students have found in the school library has helped them become more interested in their topics and to explore more topics	30.8%	35.5%	18.7%	8.4%	1.9%	4.7%
The school library has helped my students locate information relevant to their questions and topics	43.0%	34.6%	13.1%	4.7%	0.0%	4.7%

### **2.3 Helpfulness of School Library with School Work – Knowledge Acquisition**

The statements included in this block address knowledge acquisition through fact finding and gathering, especially on topics about which students have no or very little knowledge. Accessing different sources and finding information representing different opinions lets students test their own ideas and modify them as needed. Through this process of knowledge acquisition students move from being uninformed to becoming informed.

Sixty-nine to 91.6 percent of the teachers found the school library helpful to students with their school work. Between 9.3 to 33.6 percent of the teachers considered the library “very helpful” to students with school work. Thirty to 77.5 percent considered the school library “very helpful” or “helpful” in this area. The highest percentage of teachers found

the school library most helpful to students in getting more information about a topic (33.6 percent) and helping them build knowledge and increase their understanding (28.0 percent):

- The school library has helped my students learn a lot more facts about their topics and find more information on their research questions
- The school library has helped my students get background information for classroom assignments

**Table III.12. School Library and School Work**

<b>Helpfulness of School Library with Students' School Work in General</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped my students develop good study habits	2.8%	27.1%	29.0%	20.6%	4.7%	15.9%
The school library has helped my students get background information for classroom assignments	28.0%	41.1%	17.6%	4.7%	2.8%	5.6%
The school library has helped my students learn a lot more facts about their topics and find more information on their research questions	33.6%	43.9%	13.1%	4.7%	0.0%	4.7%
The school library has helped my students when they do not understand some of the things they learn about	17.8%	33.6%	27.1%	10.3%	1.9%	8.4%
The school library has helped my students figure out if their own ideas are good or bad	10.3%	19.6%	25.2%	14.0%	7.5%	23.4%
The school library has helped my students change their minds about some things they thought they knew	10.3%	30.8%	29.0%	10.3%	0.9%	18.7%
The school library has helped my students figure out their own opinions on topics	9.3%	32.7%	26.2%	9.3%	2.8%	19.6%
The school library has helped my students connect new ideas and information with what they already knew	19.6%	35.5%	25.2%	6.5%	0.9%	12.1%
The school library helped my students contribute more in class discussions	15.0%	29.9%	29.0%	10.3%	2.8%	13.1%
The school library has helped my students know how to use and give credit to other people's words and ideas	15.0%	25.2%	26.2%	15.0%	4.7%	12.1%

## **2.4 Helpfulness of School Library in Using Technology**

Teachers valued the availability of technology in the school library for search, access, retrieval and communication of information. Eighty-seven to 92.6 percent of the teachers

considered the use of technology in the school library helpful to students. Twenty-four to 43.9 percent of the teachers considered the library “very helpful” to students in helping students use technology to search and access information. Between 55.1 and 76.6 percent considered the library “very helpful” or “helpful” in this area. High school teachers considered the use of technology in the school library for information search and retrieval the most helpful among the dimensions of help the school library offers. More than 40 percent of teachers found the library’s information tools for searching and accessing information to be the most helpful:

- Computers and technology have helped my students find information inside and outside of the school library
- Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their school work
- The school library has helped my students search the Internet better

**Table III.13. School Library and Use of Technology**

<b>Helpfulness of School Library with Using Computers in Library, School, and Home</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
Computers and technology in the school library has helped my students do their school work better	39.3%	29.0%	14.0%	8.4%	0.9%	6.5%
The school library has gotten my students more interested in computers and technology	37.4%	32.7%	13.1%	7.5%	1.9%	6.5%
Computers and technology have helped my students find information inside and outside of the school library	43.9%	32.7%	10.3%	7.5%	0.0%	4.7%
The school library has helped my students search the Internet better	40.2%	27.1%	15.9%	6.5%	2.8%	4.7%
The school library has helped my students evaluate and be more careful about information they find on the Internet	24.3%	30.8%	22.4%	10.3%	1.9%	8.4%
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their school work	43.9%	24.3%	10.3%	7.5%	4.7%	8.4%
The school library has helped my students feel better about using computers and technology to do their school work	36.4%	30.8%	11.2%	6.5%	4.7%	8.4%

## **2.5 Helpfulness of School Library with General Reading**

One of the roles of the school library is to promote interest in reading. Overall, 76.7 to 98.8 percent of the teachers indicated that the school library was helpful in promoting students interest in reading. Between 11.2 to 44.9 percent of the teachers considered the library “very helpful” to students and 37.4 and 74.0 percent considered the library “very helpful” or “helpful” as a promoter of interest in reading. Elementary school teachers considered the library’s role in reading promotion as most helpful among all its other functions. It is interesting to note that 11.2 to 17.8 percent of the teachers did not think that the role of the library is to promote and increase student reading. The highest percentage of teachers found the library most helpful in promoting interest in reading by:

- The school library has helped my students find stories they like

**Table III.14. School Library and Students' General Reading Interests**

<b>Helpfulness of School Library to Students with General Reading Interests</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped my students find stories they like	44.9%	27.1%	15.0%	2.8%	0.9%	0.3%
The school library has motivated my students to read more	31.8%	31.8%	17.8%	6.5%	0.9%	11.2%
The school library has helped my students get better at reading	24.3%	28.0%	22.4%	5.6%	1.9%	17.8%
The school library has helped my students enjoy reading more	31.8%	28.0%	17.8%	6.5%	0.9%	15.0%
The school library has helped my students be better writers	11.2%	26.2%	26.2%	13.1%	6.5%	16.8%

## **2.6 Helpfulness of School Library with Out of School Interests and Activities**

This block of statements addresses the role of the school library in giving students skills they can apply and use outside of school for doing school work as well as expanding their personal interest and knowledge. These skills help students become independent learners. Fifty-seven to 84.1 percent of the teachers found the school library helpful overall in this area. Between 3.7 and 20.6 percent of the teachers considered the library “very helpful” to students and 22.3 to 54.2 percent considered the library “very helpful” or “helpful” in helping students use their information search and processing skills outside of school. The highest percentage of teachers found the library most helpful in expanding students’ interest beyond topics addressed in school:

- The school library has helped my students discover interesting topics other than their school work

**Table III.15. Helpfulness of School Library When Students Are Not At School**

<b>Helpfulness of School Library to Students When Not at School</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped my students discover interesting topics other than their school work	20.6%	33.6%	22.4%	7.5%	1.9%	14.0%
The skills that my students have learned in the school library have helped them study at home	8.4%	32.7%	27.1%	13.1%	3.7%	14.0%
The school library has helped my students get more organized with their homework	3.7%	19.6%	25.2%	9.3%	14.0%	28.0%
The school library has helped my students find information even when they are not at school	11.2%	22.4%	23.4%	14.0%	5.6%	23.4%
The school library instruction has helped my students solve problems better	9.3%	23.4%	27.1%	10.3%	10.3%	19.6%
The school library has helped my students when they have a personal issue or concern	5.6%	17.8%	19.6%	12.1%	9.3%	33.6%
Information in the school library has helped students decide what they need to do about this issue or concern	9.3%	17.8%	22.4%	9.3%	10.3%	29.9%

## **2.7 Helpfulness of School Library with Academic achievement**

The information literacy skills and the knowledge students obtain through work in the library facilitate students' school work and assignments, thus improving academic achievement. Sixty-nine to 91.6 percent of the teachers agreed that the school library contributed to student academic achievement. Between 29.9 and 63.6 percent of the teachers found the library to be either "very helpful" or "helpful" in enhancing students' academic performance. More than 50 percent of the teachers agreed that the library has been very helpful or helpful in increasing students' academic performance by:

- The school library has helped my students get better grades on their projects and assignments
- The school library has helped my students do their school work better

Thirty percent of the teachers also believed that the school library was very helpful or helpful in performance on tests:

- The school library has helped my students do better on standardized tests



**Table III.16. School Library and Academic Achievement**

<b>Helpfulness of School Library to Students with Academic Achievement</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped my students do their school work better	22.4%	35.5%	20.6%	8.4%	5.6%	7.5%
The school library has helped my students get better grades on their projects and assignments	26.2%	37.4%	18.7%	7.5%	4.7%	3.7%
The school library has helped my students get better grades on tests and quizzes	6.5%	20.6%	29.0%	13.1%	12.1%	17.8%
The school library has helped my students do better on standardized tests	5.6%	24.3%	27.1%	10.3%	14.0%	16.8%
The school library has helped my students feel more confident about doing their school work	12.1%	28.0%	29.9%	8.4%	6.5%	14.0%

### **3. Areas in Which School Library is Very Helpful**

The percentage of teachers who gave a “very helpful” rating to the statements describing how their library media centers helped their students ranged from 2.8 to 48.6, as shown in the table below. Ratings differed by the type of school in which teachers worked. A larger percentage of elementary school teachers gave a “very helpful” rating to the following statements compared with middle/junior high and high school teachers. Most of these statements are associated with role of the library in helping students with their general reading interests.

- The school library has helped my students find stories they like: 62.8 percent
- The school library has helped my students feel better about asking for assistance when they go there: 55.8 percent
- The school library has helped my students enjoy reading more: 55.8 percent
- The school library has motivated my students to read more: 53.5 percent
- The school library has helped my students get better at reading: 44.2 percent
- The school library has helped my students learn about how they should find information next time: 41.9 percent

A larger percentage of middle/junior high school teachers compared with elementary and high school teachers gave “very helpful” rating to the following statements. These

statements are associated with the help the library provides to students with their school work in general.

- The school library has helped my students connect new ideas and information with what they already knew: 27.3 percent
- The school library has helped my students when they do not understand some of the things they learn about: 27.3 percent

Overall, high schools teachers gave greater importance to the role of the school library than teachers at the elementary and middle/junior high levels. A higher percentage of high school teachers compared with middle/junior high and elementary school teachers gave a “very helpful” rating to more of the statements. While these statements address a wide range of dimensions of school library help, they focus on technology and the processing and use of information.

- Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their schoolwork: 64.3 percent
- Computers and technology in the school library has helped my students do their school work better: 59.5 percent
- Computers and technology have helped my students find information inside and outside of the school library: 54.8 percent
- The school library has helped my students locate information relevant to their questions and topics: 54.8 percent
- The school library has helped my students find different sources of information for their research topics: 52.4 percent
- The school library has helped my students search the Internet better: 52.4 percent
- The school library has helped my students feel better about using computers and technology to do their school work: 52.4 percent
- The school library has helped my students use different kinds of information sources (books, magazines, CDs, websites, videos: 50.0 percent
- The school library has gotten my students more interested in computers and technology: 42.9 percent
- The school library has helped my students evaluate and be more careful about information they find on the Internet: 33.3 percent

- The school library has helped my students find different opinions about their topics: 35.7 percent
- The school library has helped my students do their schoolwork better: 28.6 percent
- The school library has helped my students work out the main ideas in the information they find: 28.6 percent
- The school library has helped my students put new information and ideas together for their topics: 28.6 percent
- The school library has helped my students put information and ideas in their own words: 23.8 percent
- The school library has helped my students know how to use and give credit to other people's words and ideas: 23.8 percent

**Table III.17. Percentage of Teachers Ranking Each Statement Very Helpful by Grade Level**

Teacher Survey Statements by Rank Order of Very Helpful	Very Helpful			
	Elementary	Middle/ Junior High	High	All
The school library has helped my students feel better about asking for assistance when they go there	55.8%	45.4%	42.9%	48.6%
The school library has helped my students find different sources of information for their research topics	46.5%	31.8%	52.4%	45.8%
The school library has helped my students find stories they like	62.8%	45.4%	26.2%	44.9%
Computers and technology have helped my students find information inside and outside of the school library	34.9%	40.9%	54.8%	43.9%
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their school work	25.6%	40.9%	64.3%	43.9%
The school library has helped my students locate information relevant to their questions and topics	37.2%	31.8%	54.8%	43.0%
The school library has helped my students search the Internet better	30.2%	36.4%	52.4%	40.2%
School library has helped my students know the different steps in finding and using information	44.2%	27.3%	42.9%	40.2%
The school library has helped my students use different kinds of information sources (books, magazines, CDs, websites, videos)	37.2%	27.3%	50.0%	40.2%
Computers and technology in the school library has helped my students do their school work better	23.2%	31.8%	59.5%	39.3%

The school library has gotten my students more interested in computers and technology	34.9%	31.8%	42.9%	37.4%
The information in the school library has helped my students work out the questions for the topics they are studying	39.5%	27.3%	40.5%	37.4%
The school library has helped my students feel better about using computers and technology to do their school work	30.2%	18.2%	52.4%	36.4%
The school library has helped my students learn about how they should find information next time	41.9%	22.7%	35.7%	35.5%
The school library has helped my students learn a lot more facts about their topics and find more information on their research questions	32.6%	27.3%	38.1%	33.6%
The school library has helped my students feel better about doing research	37.2%	18.2%	35.7%	32.7%
The school library has motivated my students to read more	53.5%	27.3%	11.9%	31.8%
The school library has helped my students enjoy reading more	55.8%	22.7%	11.9%	31.8%
The information my students have found in the school library has helped them become more interested in their topics and to explore more topics	34.9%	18.2%	33.3%	30.8%
The school library has helped my students get background information for classroom assignments	27.9%	27.3%	28.6%	28.0%
The school library has helped my students know when they find good information	27.9%	13.6%	33.3%	27.1%
The school library has helped my students get better grades on their projects and assignments	20.9%	27.3%	30.9%	26.2%
The school library has helped my students appreciate and understand that good research takes a lot of time and work	30.2%	9.1%	28.6%	25.2%
The school library has helped my students evaluate and be more careful about information they find on the Internet	20.9%	13.6%	33.3%	24.3%
The school library has helped my students get better at reading	44.2%	13.6%	9.5%	24.3%
The school library has helped my students find different opinions about their topics	16.3%	13.6%	35.7%	23.4%
The school library has helped my students do their school work better	18.6%	18.2%	28.6%	22.4%
The school library has helped my students work out the main ideas in the information they find	20.9%	9.1%	28.6%	21.5%
The school library has helped my students put new information and ideas together for their topics	18.6%	13.6%	28.6%	21.5%
The school library has helped my students discover interesting topics other than their school work	25.6%	22.7%	14.3%	20.6%
The school library has helped my students connect new ideas and information with what they already knew	4.6%	27.3%	21.4%	19.6%
The school library has helped my students when they	16.3%	27.3%	14.3%	17.8%

do not understand some of the things they learn about				
The school library has helped my students put information and ideas in their own words	13.9%	4.5%	23.8%	15.9%
The school library helped my students contribute more in class discussions	16.3%	9.1%	16.7%	15.0%
The school library has helped my students know how to use and give credit to other people's words and ideas	7.0%	13.6%	23.8%	15.0%
The school library has helped my students feel more confident about doing their school work	18.6%	4.5%	9.5%	12.1%
The school library has helped my students be better writers	13.9%	4.5%	11.9%	11.2%
The school library has helped my students find information even when they are not at school	9.3%	13.6%	11.9%	11.2%
The school library has helped my students get better at taking notes	7.0%	9.1%	14.3%	10.3%
The school library has helped my students figure out if their own ideas are good or bad	4.6%	9.1%	16.7%	10.3%
The school library has helped my students change their minds about some things they thought they knew	4.6%	13.6%	14.3%	10.3%
The school library has helped my students figure out their own opinions on topics	2.3%	13.6%	14.3%	9.3%
The school library instruction has helped my students solve problems better	9.3%	4.5%	11.9%	9.3%
Information in the school library has helped students decide what they need to do about this issue or concern	4.6%	9.1%	14.3%	9.3%
The skills that my students have learned in the school library have helped them study at home	9.3%	9.1%	7.1%	8.4%
The school library has helped my students get better grades on tests and quizzes	4.6%	0.0%	11.9%	6.5%
The school library has helped my students when they have a personal issue or concern	7.0%	4.5%	4.8%	5.6%
The school library has helped my students do better on standardized tests	4.6%	4.5%	7.1%	5.6%
The school library has helped my students get more organized with their homework	2.3%	0.0%	7.1%	3.7%
The school library has helped my students develop good study habits	2.3%	4.5%	2.4%	2.8%

#### 4. Overall School Library Helpfulness

The table below shows the means calculated for each statement on a five-point scale ranging from “1-very helpful” to “5-not at all helpful.” Lower mean scores imply a higher degree of helpfulness. The table shows the means by type of school (elementary, middle/junior high, and high school) and overall. As seen in the table below, teachers differed in their ratings. Mean scores calculated for high school teachers for most of the statements were lower than mean scores calculated for either elementary or middle/junior

high school teachers. This implies that high school teachers attributed greater helpfulness to the role and services of the school library in the seven categories.

**Table III.18. Comparison of Statement Mean Scores by Teachers by Type of School**

Statements	Block	Means			
		Elementary	Middle/ Junior High	High School	All
School library has helped my students know the different steps in finding and using information	Getting Information	1.91	2.00	1.83	1.89
The information in the school library has helped my students work out the questions for the topics they are studying	Getting Information	2.05	2.00	1.80	1.94
The school library has helped my students find different sources of information for their research topics	Getting Information	1.86	1.95	1.63	1.79
The school library has helped my students know when they find good information	Getting Information	2.17	2.35	1.95	2.12
The school library has helped my students find different opinions about their topics	Getting Information	2.61	2.53	1.94	2.33
The school library has helped my students feel better about doing research	Getting Information	2.02	2.50	1.95	2.09
The school library has helped my students feel better about asking for assistance when they go there	Getting Information	1.72	1.81	1.88	1.80
The school library has helped my students use different kinds of information sources (books, magazines, CDs, websites, videos)	Using Information	1.95	2.21	1.85	1.96
The school library has helped my students work out the main ideas in the information they find	Using Information	2.33	2.35	2.03	2.22
The school library has helped my students get better at taking notes	Using Information	2.76	3.36	2.79	2.88
The school library has helped my students put new information and ideas together for their topics	Using Information	2.30	2.88	2.17	2.35
The school library has helped my students put information and ideas in their own words	Using Information	2.82	3.38	2.40	2.77
The school library has helped my students learn about how they should find information next time	Using Information	2.03	2.16	1.90	2.00
The school library has helped my students appreciate and understand that	Using Information	2.13	2.59	2.24	2.26

good research takes a lot of time and work					
The information my students have found in the school library has helped them become more interested in their topics and to explore more topics	Using Information	2.05	2.48	1.97	2.11
The school library has helped my students locate information relevant to their questions and topics	Using Information	1.93	1.90	1.56	1.78
The school library has helped my students develop good study habits	Knowledge	2.97	3.11	2.88	2.97
The school library has helped my students get background information for classroom assignments	Knowledge	2.17	2.05	2.00	2.08
The school library has helped my students learn a lot more facts about their topics and find more information on their research questions	Knowledge	1.95	1.86	1.83	1.88
The school library has helped my students when they do not understand some of the things they learn about	Knowledge	2.38	2.57	2.29	2.39
The school library has helped my students figure out if their own ideas are good or bad	Knowledge	3.03	3.31	2.38	2.85
The school library has helped my students change their minds about some things they thought they knew	Knowledge	2.67	2.56	2.31	2.52
The school library has helped my students figure out their own opinions on topics	Knowledge	2.84	2.65	2.16	2.55
The school library has helped my students connect new ideas and information with what they already knew	Knowledge	2.30	2.32	2.14	2.24
The school library helped my students contribute more in class discussions	Knowledge	2.41	2.72	2.47	2.49
The school library has helped my students know how to use and give credit to other people's words and ideas	Knowledge	2.92	2.72	2.31	2.64
Computers and technology in the school library has helped my students do their school work better	Computers	2.41	2.00	1.49	1.94
The school library has gotten my students more interested in computers and technology	Computers	2.05	2.15	1.78	1.96
Computers and technology have helped my students find information inside and outside of the school library	Computers	2.00	2.00	1.49	1.80
The school library has helped my	Computers	2.34	1.95	1.57	1.97

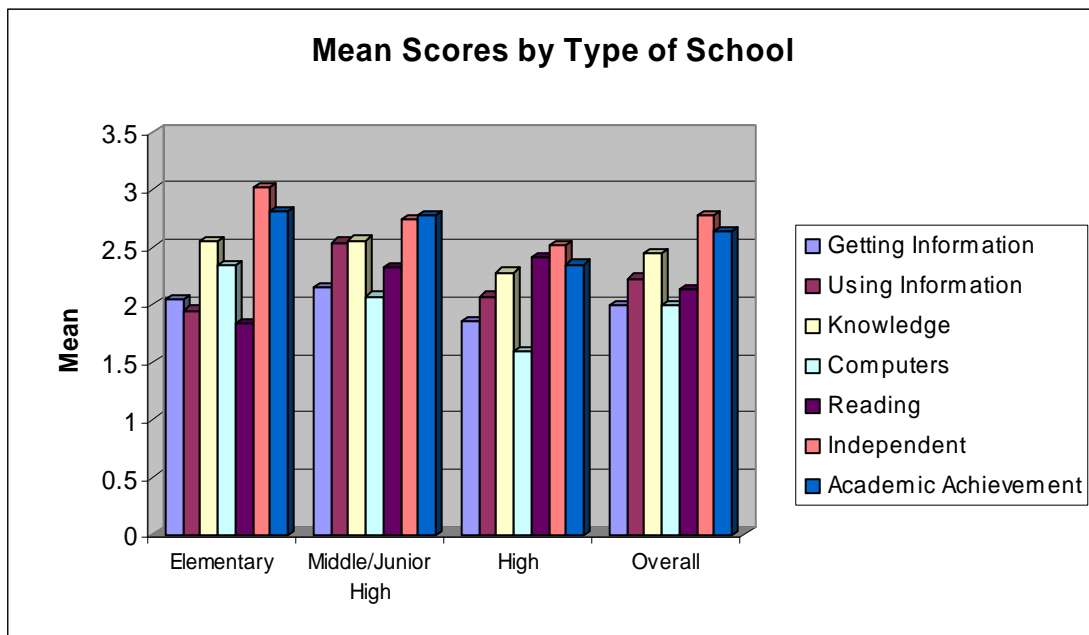
students search the Internet better					
The school library has helped my students evaluate and be more careful about information they find on the Internet	Computers	2.55	2.38	1.92	2.27
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their school work	Computers	2.61	1.85	1.41	1.95
The school library has helped my students feel better about using computers and technology to do their school work	Computers	2.45	2.15	1.53	2.02
The school library has helped my students find stories they like	Reading	1.53	1.81	2.03	1.76
The school library has motivated my students to read more	Reading	1.64	2.05	2.48	2.02
The school library has helped my students get better at reading	Reading	1.76	2.56	2.55	2.18
The school library has helped my students enjoy reading more	Reading	1.59	2.26	2.45	2.02
The school library has helped my students be better writers	Reading	2.71	3.12	2.55	2.73
The school library has helped my students discover interesting topics other than their school work	Independent	2.37	2.18	2.18	2.26
The skills that my students have learned in the school library have helped them study at home	Independent	2.86	2.55	2.50	2.66
The school library has helped my students get more organized with their homework	Independent	3.35	3.27	2.87	3.14
The school library has helped my students find information even when they are not at school	Independent	2.97	2.74	2.50	2.74
The school library instruction has helped my students solve problems better	Independent	3.10	3.00	2.48	2.86
The school library has helped my students when they have a personal issue or concern	Independent	3.34	2.90	2.70	3.03
Information in the school library has helped students decide what they need to do about this issue or concern	Independent	3.40	2.75	2.46	2.91
The school library has helped my students do their school work better	Achievement	2.60	2.38	2.05	2.34
The school library has helped my students get better grades on their projects and assignments	Achievement	2.52	2.29	1.87	2.23
The school library has helped my	Achievement	3.11	3.44	2.74	3.05



students get better grades on tests and quizzes					
The school library has helped my students do better on standardized tests	Achievement	3.16	3.05	2.86	3.03
The school library has helped my students feel more confident about doing their school work	Achievement	2.71	2.81	2.44	2.64

*\* Scale for calculating means ranged from "1 - very helpful" to "5 - not at all helpful."*

Mean scores were also calculated for each of the seven blocks of statements. Overall, Wisconsin teachers found the school library most helpful as a source for getting information, using technology, and reading. Elementary school teachers considered the library most helpful in promoting and increasing student interest in reading and in using and getting information. Middle/junior high and high school teachers found the library most helpful in teaching students how to use technology to search for, access, and acquire information. Middle/junior high teachers also considered the library most helpful in promoting interest in reading. High school teachers regarded the library as most helpful also in teaching students how to use information.



**Table III.19. Mean Scores and Ranking by Type of School**

Block	Elementary		Middle/Junior High		High		Overall	
	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank
Getting Information	2.04	3	2.15	2	1.85	2	1.99	1
Using Information	1.95	2	2.54	4	2.07	3	2.23	4
Knowledge	2.55	5	2.56	5	2.28	4	2.44	5
Computers	2.34	4	2.07	1	1.59	1	1.99	2
Reading	1.84	1	2.33	3	2.41	6	2.13	3
Independent	3.02	7	2.74	6	2.52	7	2.78	7
Academic Achievement	2.81	6	2.77	7	2.35	5	2.64	6

*\* Ranking is from lowest mean to highest mean. Scale ranged from “1 - very helpful” to “5 - not at all helpful.”*

## **5. School Library Helpfulness and School Urban/Suburban Rural Location**

Teachers who responded to the survey worked in schools located in a variety of urban, suburban and rural areas. Approximately 34 percent taught in urban schools, 27.1 percent taught in suburban schools, and 39.3 percent taught in rural schools. To examine the relationship between school location and the extent of perceived school library helpfulness, teachers were classified into three groups: urban (36), suburban (29), and rural (42).

**Table III.20. School Location**

Type of Area	All Teachers (107)	
	Number	Percent
Urban, inner city	11	10.3%
Urban, other	25	23.4%
Suburban	29	27.1%
Rural	42	39.3%

Teachers in rural schools considered the role of the school library more helpful overall than teachers in urban or suburban schools. Teachers in rural schools considered the library more helpful in 37 out of 50 statements. The mean ratings from teachers in rural schools ranged from 1.56 to 3.13. Teachers in rural schools gave only two of the statements a mean rating of 3.00 (“somewhat helpful”) or higher. Teachers in rural schools considered the library most helpful to students in:

- Computers and technology have helped my students find information inside and outside of the school library: 1.56
- Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their school work: 1.60

- The school library has helped my students find different sources of information for their research topics: 1.61
- The school library has helped my students locate information relevant to their questions and topics: 1.63
- The school library has gotten my students more interested in computers and technology: 1.63
- The school library has helped my students feel better about using computers and technology to do their school work: 1.64

Mean ratings calculated for teachers in suburban schools ranged from 1.65 to 3.32. Six of the 50 statements received a mean score of 3.00 (“somewhat helpful”) or higher. These teachers considered the library most helpful in the following areas:

- The school library has helped my students search the Internet better: 1.65
- The school library has helped my students feel better about asking for assistance when they go there: 1.75
- Computers and technology have helped my students find information inside and outside of the school library: 1.75
- Computers and technology in the school library have helped my students do their school work better: 1.81
- The school library has helped my students locate information relevant to their questions and topics: 1.85

Mean ratings for teachers in urban schools ranged from 1.66 to 3.35. They gave six of the 50 statements a mean rating of 3.00 or higher (“somewhat helpful”). Teachers in urban areas found the library most helpful in the following areas:

- The school library has helped my students find stories they like: 1.66
- The school library has motivated my students to read more: 1.73
- The school library has helped my students enjoy reading more: 1.88
- The school library has helped my students learn a lot more facts about their topics and find more information on their research questions: 1.88
- School library has helped my students know the different steps in finding and using information: 1.89

**Table III.21. Comparison of Mean Scores Teachers in Urban, Suburban and Rural Schools Gave to Each Statement**

Statements	Block	Teacher Location			All Means (107)
		Urban Means (36)	Suburban Means (29)	Rural Means (42)	
School library has helped my students know the different steps in finding and using information	Getting Information	1.89	1.93	1.88	1.89
The information in the school library has helped my students work out the questions for the topics they are studying	Getting Information	1.97	2.07	1.83	1.94
The school library has helped my students find different sources of information for their research topics	Getting Information	1.91	1.89	1.61	1.79
The school library has helped my students know when they find good information	Getting Information	2.16	2.11	2.10	2.12
The school library has helped my students find different opinions about their topics	Getting Information	2.57	2.32	2.16	2.33
The school library has helped my students feel better about doing research	Getting Information	2.00	2.15	2.13	2.09
The school library has helped my students feel better about asking for assistance when they go there	Getting Information	1.94	1.75	1.71	1.80
The school library has helped my students use different kinds of information sources (books, magazines, CDs, websites, videos	Using Information	2.03	1.96	1.90	1.96
The school library has helped my students work out the main ideas in the information they find	Using Information	2.32	2.29	2.08	2.22
The school library has helped my students get better at taking notes	Using Information	2.58	2.89	3.13	2.88
The school library has helped my students put new information and ideas together for their topics	Using Information	2.16	2.35	2.53	2.35
The school library has helped my students put information and ideas in their own words	Using Information	2.58	2.78	2.94	2.77
The school library has helped my students learn about how they should find information next time	Using Information	2.03	2.11	1.90	2.00
The school library has helped my students appreciate and understand that good research takes a lot of time and work	Using Information	1.97	2.56	2.30	2.26

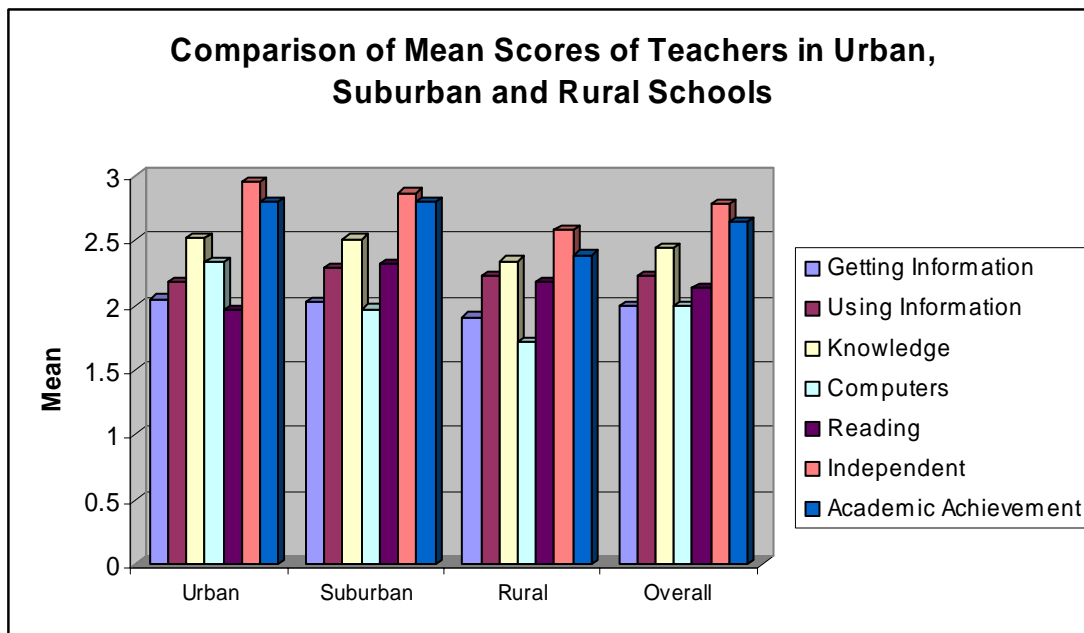
The information my students have found in the school library has helped them become more interested in their topics and to explore more topics	Using Information	2.18	2.22	1.98	2.11
The school library has helped my students locate information relevant to their questions and topics	Using Information	1.91	1.85	1.63	1.78
The school library has helped my students develop good study habits	Knowledge	3.10	3.00	2.84	2.97
The school library has helped my students get background information for classroom assignments	Knowledge	2.15	2.26	1.90	2.08
The school library has helped my students learn a lot more facts about their topics and find more information on their research questions	Knowledge	1.88	2.11	1.74	1.88
The school library has helped my students when they do not understand some of the things they learn about	Knowledge	2.45	2.52	2.26	2.39
The school library has helped my students figure out if their own ideas are good or bad	Knowledge	2.90	2.86	2.81	2.85
The school library has helped my students change their minds about some things they thought they knew	Knowledge	2.65	2.55	2.38	2.52
The school library has helped my students figure out their own opinions on topics	Knowledge	2.68	2.50	2.46	2.55
The school library has helped my students connect new ideas and information with what they already knew	Knowledge	2.27	2.30	2.18	2.24
The school library helped my students contribute more in class discussions	Knowledge	2.45	2.57	2.49	2.49
The school library has helped my students know how to use and give credit to other people's words and ideas	Knowledge	2.81	2.56	2.56	2.64
Computers and technology in the school library has helped my students do their school work better	Computers	2.42	1.81	1.66	1.94
The school library has gotten my students more interested in computers and technology	Computers	2.22	2.15	1.63	1.96
Computers and technology have	Computers	2.16	1.75	1.56	1.80

helped my students find information inside and outside of the school library					
The school library has helped my students search the Internet better	Computers	2.49	1.65	1.71	1.97
The school library has helped my students evaluate and be more careful about information they find on the Internet	Computers	2.47	2.08	2.24	2.27
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their school work	Computers	2.35	2.00	1.60	1.95
The school library has helped my students feel better about using computers and technology to do their school work	Computers	2.23	2.35	1.64	2.02
The school library has helped my students find stories they like	Reading	1.66	1.96	1.74	1.76
The school library has motivated my students to read more	Reading	1.73	2.21	2.16	2.02
The school library has helped my students get better at reading	Reading	1.90	2.45	2.26	2.18
The school library has helped my students enjoy reading more	Reading	1.88	2.18	2.05	2.02
The school library has helped my students be better writers	Reading	2.66	2.83	2.74	2.73
The school library has helped my students discover interesting topics other than their school work	Independent	2.31	2.42	2.11	2.26
The skills that my students have learned in the school library have helped them study at home	Independent	2.93	2.71	2.44	2.66
The school library has helped my students get more organized with their homework	Independent	3.16	3.32	3.03	3.14
The school library has helped my students find information even when they are not at school	Independent	2.93	2.74	2.60	2.74
The school library instruction has helped my students solve problems better	Independent	2.97	3.05	2.65	2.86
The school library has helped my students when they have a personal issue or concern	Independent	3.35	3.14	2.69	3.03
Information in the school library has helped students decide what they need to do about this issue or concern	Independent	3.20	2.94	2.66	2.91
The school library has helped my	Achievement	2.63	2.40	2.10	2.34

students do their school work better					
The school library has helped my students get better grades on their projects and assignments	Achievement	2.49	2.27	1.98	2.23
The school library has helped my students get better grades on tests and quizzes	Achievement	3.10	3.32	2.82	3.05
The school library has helped my students do better on standardized tests	Achievement	3.03	3.29	2.88	3.03
The school library has helped my students feel more confident about doing their school work	Achievement	2.80	2.88	2.33	2.64

*\* Teachers ranked each statement on a 5-point scale ranging from "1 - very helpful" to "5 - not at all helpful."*

Rating of the helpfulness of the school library by participating Wisconsin teachers in the seven categories varied by their location in urban, suburban or rural areas. Teachers in rural areas regarded the role of the library more helpful than teachers in other locations in five of the seven areas: as a source for getting information, knowledge acquisition, use of technology, independent learning, and academic achievement. Teachers in urban schools regarded the library more helpful than teachers in other locations in the areas of reading and using information. Teachers in urban schools chose reading, getting information and using information as the top three areas of helpfulness. Teachers in suburban schools identified technology, getting information and using information as the three top areas in which libraries helped their students. Teachers in rural schools considered technology, getting information, and reading as the three top areas where libraries helped students.



**Table III.22. Comparison of Mean Scores of Teachers in Urban, Suburban and Rural Schools**

Block	Urban Teacher		Suburban Teachers		Rural Teachers		Overall	
	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank
Getting Information	2.05	2	2.03	2	1.91	2	1.99	1
Using Information	2.18	3	2.29	3	2.23	4	2.23	4
Knowledge	2.52	5	2.51	5	2.34	5	2.44	5
Computers	2.33	4	1.97	1	1.72	1	1.99	2
Reading	1.96	1	2.32	4	2.18	3	2.13	3
Independent	2.95	7	2.87	7	2.58	7	2.78	7
Academic Achievement	2.80	6	2.80	6	2.39	6	2.64	6

*\* Ranking is from lowest mean to highest mean. Scale ranged from “1 - very helpful” to “5 - not at all helpful.”*

## **6. Alignment of Content Standards and Lessons with ITLS and Library Helpfulness**

To examine the relationship between ITLS alignment and integration in the curriculum and the perception of school library help, teachers were divided into two groups: those who aligned and integrated the Information and Technology Literacy Standards (ITLS) with their content standards and lessons (51.4 percent) and those who did not (48.6 percent).

**Table III.23. Number and Percentage of Teachers Who Aligned and Integrated ITLS with Content Standards and Lessons**

Aligned and Integrated ITLS with Content Standards and Lessons	Number of Teachers (N=107)	Percent of Teachers
Yes	55	51.4%
No	52	48.6%

Teachers who aligned content standards and lessons with ITLS were compared to teachers who did not align with regards to their assessment of how helpful the library is to their students. Teachers who aligned content standards and lessons with ITLS regarded the library as more helpful to students in all areas and services than teachers who did not align with ITLS.



**Table III.24. Comparison of Mean Scores of Teachers with/without ITLS Alignment**

Statements	Block	Aligned Content Standards and Lessons with ITLS		All Means
		Yes Means	No Means	
School library has helped my students know the different steps in finding and using information	Getting Information	1.65	2.12	1.89
The information in the school library has helped my students work out the questions for the topics they are studying	Getting Information	1.67	2.20	1.94
The school library has helped my students find different sources of information for their research topics	Getting Information	1.58	1.98	1.79
The school library has helped my students know when they find good information	Getting Information	1.92	2.33	2.12
The school library has helped my students find different opinions about their topics	Getting Information	2.23	2.44	2.33
The school library has helped my students feel better about doing research	Getting Information	1.87	2.33	2.09
The school library has helped my students feel better about asking for assistance when they go there	Getting Information	1.58	2.00	1.80
The school library has helped my students use different kinds of information sources (books, magazines, CDs, websites, videos	Using Information	1.73	2.18	1.96
The school library has helped my students work out the main ideas in the information they find	Using Information	2.04	2.40	2.22
The school library has helped my students get better at taking notes	Using Information	2.58	3.29	2.88
The school library has helped my students put new information and ideas together for their topics	Using Information	2.02	2.70	2.35
The school library has helped my students put information and ideas in their own words	Using Information	2.40	3.24	2.77
The school library has helped my students learn about how they should find information next time	Using Information	1.76	2.22	2.00
The school library has helped my students appreciate and understand that good research takes a lot of time and	Using Information	1.90	2.65	2.26

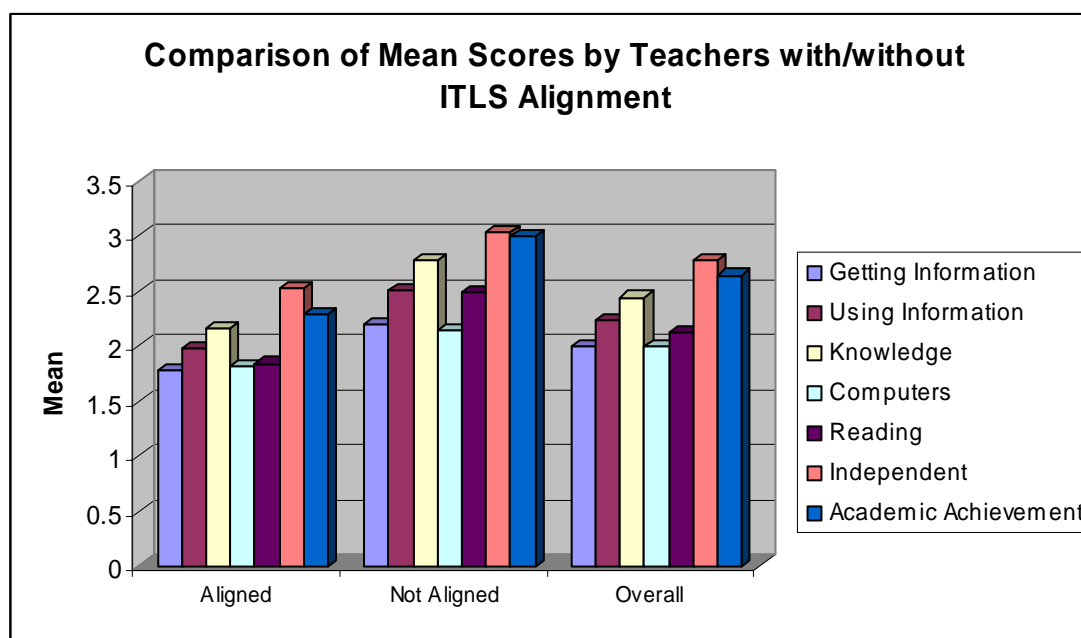
work				
The information my students have found in the school library has helped them become more interested in their topics and to explore more topics	Using Information	1.85	2.35	2.11
The school library has helped my students locate information relevant to their questions and topics	Using Information	1.62	1.94	1.78
The school library has helped my students develop good study habits	Knowledge	2.70	3.20	2.97
The school library has helped my students get background information for classroom assignments	Knowledge	1.73	2.42	2.08
The school library has helped my students learn a lot more facts about their topics and find more information on their research questions	Knowledge	1.63	2.15	1.88
The school library has helped my students when they do not understand some of the things they learn about	Knowledge	2.00	2.84	2.39
The school library has helped my students figure out if their own ideas are good or bad	Knowledge	2.47	3.30	2.85
The school library has helped my students change their minds about some things they thought they knew	Knowledge	2.28	2.85	2.52
The school library has helped my students figure out their own opinions on topics	Knowledge	2.37	2.76	2.55
The school library has helped my students connect new ideas and information with what they already knew	Knowledge	2.02	2.51	2.24
The school library helped my students contribute more in class discussions	Knowledge	2.16	2.90	2.49
The school library has helped my students know how to use and give credit to other people's words and ideas	Knowledge	2.40	2.93	2.64
Computers and technology in the school library has helped my students do their school work better	Computers	1.68	2.14	1.94
The school library has gotten my students more interested in computers and technology	Computers	1.78	2.13	1.96
Computers and technology have helped my students find information inside and outside of the school library	Computers	1.58	2.00	1.80
The school library has helped my students search the Internet better	Computers	1.75	2.16	1.97

The school library has helped my students evaluate and be more careful about information they find on the Internet	Computers	2.11	2.43	2.27
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their school work	Computers	1.88	1.98	1.95
The school library has helped my students feel better about using computers and technology to do their school work	Computers	1.88	2.11	2.02
The school library has helped my students find stories they like	Reading	1.45	2.11	1.76
The school library has motivated my students to read more	Reading	1.76	2.32	2.02
The school library has helped my students get better at reading	Reading	1.85	2.59	2.18
The school library has helped my students enjoy reading more	Reading	1.70	2.36	2.02
The school library has helped my students be better writers	Reading	2.43	3.13	2.73
The school library has helped my students discover interesting topics other than their school work	Independent	2.04	2.43	2.26
The skills that my students have learned in the school library have helped them study at home	Independent	2.42	2.86	2.66
The school library has helped my students get more organized with their homework	Independent	2.87	3.43	3.14
The school library has helped my students find information even when they are not at school	Independent	2.48	3.05	2.74
The school library instruction has helped my students solve problems better	Independent	2.50	3.23	2.86
The school library has helped my students when they have a personal issue or concern	Independent	2.78	3.25	3.03
Information in the school library has helped students decide what they need to do about this issue or concern	Independent	2.70	3.13	2.91
The school library has helped my students do their school work better	Achievement	2.02	2.66	2.34
The school library has helped my students get better grades on their projects and assignments	Achievement	1.96	2.48	2.23
The school library has helped my students get better grades on tests and	Achievement	2.63	3.48	3.05

quizzes				
The school library has helped my students do better on standardized tests	Achievement	2.63	3.45	3.03
The school library has helped my students feel more confident about doing their school work	Achievement	2.29	3.02	2.64

*\* Teachers ranked each statement on a 5-point scale ranging from "1 - very helpful" to "5 - not at all helpful."*

Mean scores for teachers who aligned content standards and their lessons with ITLS were lower for each of the seven areas of library services than those of teachers who did not align ITLS with the content standards and their lessons. These mean scores show that teachers who aligned the content standards and lessons with ITLS considered the library to be more helpful in each of these areas than teachers who did not do so.



**Table III.25. Comparison of Mean Scores by Teachers with/without ITLS Alignment**

Block	Aligned		Not Aligned		Overall	
	Mean	Rank	Mean	Rank	Mean	Rank
Getting Information	1.78	1	2.19	2	1.99	1
Using Information	1.97	4	2.51	4	2.23	4
Knowledge	2.16	5	2.77	5	2.44	5
Computers	1.81	2	2.14	1	1.99	2
Reading	1.84	3	2.48	3	2.13	3
Independent	2.53	7	3.03	7	2.78	7
Academic Achievement	2.29	6	2.99	6	2.64	6

*\* Ranking is from lowest mean to highest mean. Scale ranged from "1-very helpful" to "5- not at all helpful."*

#### IV. STUDENT SURVEY

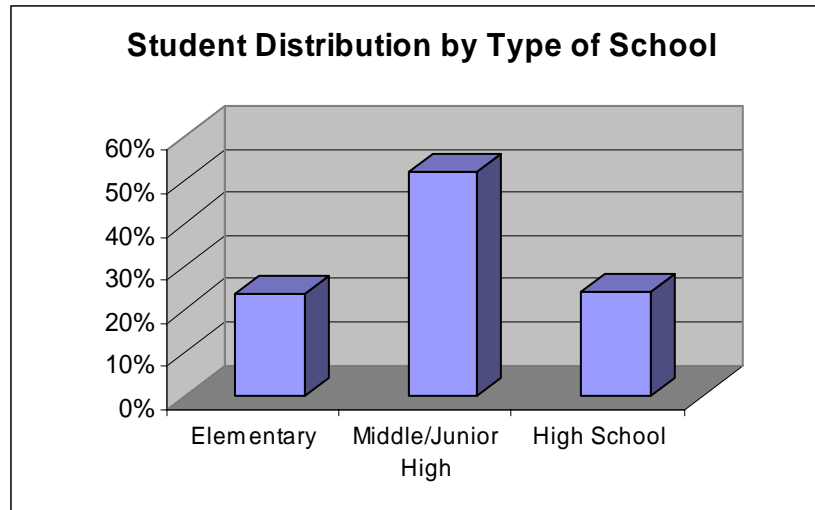
The survey was completed in May 2005 by 3,957 students in 51 Wisconsin schools.

The distribution of students by gender was almost equal: 50.1 percent of the students are male and 49.4 percent are female. The students are ethnically and racially diverse with the majority of students (80.5 percent) being White.

**Table IV.1. Students Gender and Ethnicity**

	<b>Number of Students (N=3,957)</b>	<b>Percent of Students</b>
<b>Gender</b>		
Male	1,981	50.1%
Female	1,953	49.4%
No Answer	23	0.5%
<b>Ethnic Background</b>		
White	3,187	80.5%
Hispanic	278	7.0%
Black	117	3.0%
Asian American	113	2.9%
Native American	117	3.0%
Mixed	68	1.7%
Arabian	3	0.1%
Eskimo	2	0.0%
Indian, Hindu	7	0.2%
Pacific Islander	8	0.2%
Pakistani	1	0.0%
Other	22	0.5%
No Answer	34	0.8%

Nearly one-quarter of the students attended elementary school, 50.7 attended middle or junior high schools, 21.1 percent attended high schools, and 4.4 percent attended combined schools. The 51 schools consisted of 19 elementary schools (37.2 percent), 18 middle/junior high schools (35.3 percent), and 14 high schools (27.4 percent).

**Table IV.2. Student Distribution by Type of School**

Type of School	Number of Students (N=3,957)	Percent of Students
Elementary	942	23.8%
Middle/Junior High	2,007	50.7%
High School	833	21.1%
Combined Elementary – Middle/Junior High	52	1.3%
Combined Middle/Junior High – High School	85	2.1%
Combined Elementary – Middle/Junior High – High School	38	1.0%

Elementary school students who participated in the survey attended grade 4. Most middle/junior high school students attended grade 8. The majority of high school students attended grade 10.

**Table IV.3. Student Distribution by Grade Level**

Grade	Number of Students (N=3,957)	Percent of Students
Grade 4	942	23.8%
Grade 7	2	0.0%
Grade 8	2,076	52.5%
Grade 9	57	1.4%
Grade 10	827	20.9%
Grade 11	33	0.1%
Grade 12	14	0.0%
Other - Unspecified	7	0.0%

The survey asked students about their use of the school library remotely from the classroom. Slightly less than one-half of the students reported remote use from the classroom. Twenty-six percent of the students reported that they accessed the library

catalog from their classroom; 45.2 percent reported that they accessed library resources such as online databases and online encyclopedias from the classroom.

**Table IV.4. Access to Library Catalog and Other Resources**

	<b>Number of Students (N=3,957)</b>	<b>Percent of Students</b>
<b>Access Library Catalog from Classroom</b>		
Yes	1,029	26.0%
No	2,885	72.9%
No Answer	43	1.1%
<b>Access Other Library Resources from Classroom</b>		
Yes	1,789	45.2%
No	2,140	54.1%
No Answer	28	0.1%

Students reported that in April 2005, on average they went to the school library more than eight times. Students went to the library 3.93 times with their class and 4.24 times by themselves. Nearly eight percent of the students went to the school library with their class ten times or more and nearly 15 percent of the students went to the library by themselves 10 times or more. About two percent of the students reported that they went to the library daily with their class during this time period; 6.5 percent attended the library daily by themselves. Nearly 20 percent of the students indicated that they did not go to the library with their class during this time period and 30.8 percent of the students did not go to the library by themselves.

**Table IV.5. Frequency of Library Attendance**

<b>Times Students Went to Library</b>	<b>Number of Students (N=3,957)</b>	<b>Percent of Students</b>
<b>With Class</b>		
None	773	19.5%
Once	374	9.5%
Two – Four	1,758	44.4%
Five – Nine	738	18.7%
Ten – Nineteen	242	6.1%
Twenty or More	72	1.8%
Mean	3.93	
<b>By Themselves</b>		
None	1,220	30.8%
Once	586	14.8%
Two – Four	1,047	26.5%
Five – Nine	524	13.2%
Ten – Nineteen	324	8.2%
Twenty or More	256	6.5%
Mean	4.24	

Students identified a variety of reasons for attending the school library on their own. Most often, they go to the library to find books (66.4 percent), use computers (62.1 percent) or do school work (53.0 percent). More than one-quarter of the students also indicated that they go to the library to find information for personal interest, non-academic questions. More than 100 students reported that they go to the library to socialize with their friends.

**Table IV.6. Reasons for Attending Library**

<b>Reasons</b>	<b>Number of Students (N=3,957)</b>	<b>Percent of Students</b>
Find a book	2,629	66.4%
Take an AR test	361	9.1%
Do school work or a report	2,097	53.0%
Use computers	2,459	62.1%
Find information about a personal question or topic	1,038	26.2%
Use audio or video resources	232	5.9%
Read magazines, books, look at pictures	86	2.2%
Play games on computers or Internet	13	0.3%
Socialize with friends; goof off; sleep; have lunch; have peace and quiet	103	2.6%
Take make-up tests	26	0.1%
Return books	45	1.1%
Go with teacher	2	0.0%
Tutor or help in library	17	0.4%
NovaNet classes	2	0.0%
Don't go to library on own	35	0.9%
No library	60	1.5%
Do research	12	0.3%
Study Hall; do homework; study; Homework Club	36	0.9%
Use printer, xerox machine; paper puncher; laminate	16	0.4%
G/T program	2	0.0%
Skills Class; Target Class; other classes	7	0.2%
Book Club; book fair; chess tournament	6	0.1%
Year Book	3	0.0%

### **1. Helpfulness of School Library as an Information Source**

Eighty-two to 92 percent of the students considered the school library helpful as a source of information. Between 43.9 and 58.6 percent of the students found the library a “very helpful” or “helpful” source of information. Within that group 17.3 to 27.7 percent of students found it “very helpful.” The largest percentage of students found the library helpful in providing information responsive to school topics and offering different sources of information:

- The information in the school library has helped me work out the questions for the topics I am studying



- The school library has helped me find different sources of information for my topics

**Table IV.7. School Library as a Source of Information**

<b>Helpfulness of School Library with Getting Information</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
School library has helped me know the different steps in finding and using information	20.8%	32.1%	26.8%	10.4%	5.0%	4.6%
The information in the school library has helped me work out the questions for the topics I am studying	24.2%	34.4%	23.6%	9.2%	4.1%	4.0%
The school library has helped me find different sources of information for my topics	27.7%	28.7%	21.3%	10.8%	5.7%	5.3%
The school library has helped me know when I find good information	17.9%	26.4%	26.6%	12.6%	8.8%	6.7%
The school library has helped me find different opinions about my topics	17.3%	27.6%	26.2%	12.6%	8.4%	6.8%
The school library has helped me feel better about finding information	19.3%	24.6%	24.6%	12.8%	10.5%	7.4%
The school library has helped me feel good about asking for assistance when I go there	26.2%	23.7%	19.1%	11.9%	10.3%	8.0%

## **2. Helpfulness of School Library to Students with Using Information**

Sixty-nine to 89 percent of the students surveyed reported that the school library helped them with using information. Between 14.7 and 25.0 percent of the students considered the library “very helpful” for processing and using information and 33.4 and 57.1 percent regarded the library either “very helpful” or “helpful” in using information. The largest percentage of students considered the use of different sources of information and the location of pertinent information most helpful:

- The school library has helped me use different kinds of information sources (books, magazines, CDs, websites, videos)
- The school library has helped me locate information relevant to my questions and topics

**Table IV.8. School Library and Students' Use of Information**

<b>Helpfulness of School Library with Using the Information to Complete School Work</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped me use different kinds of information sources (books, magazines, CDs, websites, videos)	25.0%	32.1%	21.1%	9.2%	5.9%	5.9%
The school library has helped me work out the main ideas in the information I find	16.8%	31.1%	23.7%	13.9%	7.6%	5.8%
The school library has helped me get better at taking notes	14.7%	18.7%	19.2%	15.8%	16.2%	14.4%
The school library has helped me put new information and ideas together for my topics	17.5%	27.3%	22.6%	13.8%	9.3%	8.3%
The school library has helped me put information and ideas in my own words	15.3%	23.9%	22.1%	14.4%	13.2%	9.9%
The school library has helped me think about finding information next time	18.9%	26.5%	22.9%	12.7%	10.1%	7.7%
The school library has helped me appreciate and understand that research takes a lot of time and work	21.9%	26.0%	20.3%	11.8%	10.7%	8.2%
The information I have found in the school library has helped me become more interested in my topics and to explore more topics	21.5%	24.2%	22.5%	12.2%	10.6%	7.7%
The school library has helped me locate information relevant to my questions and topics	23.9%	29.5%	20.6%	10.1%	7.2%	6.8%

### **3. Helpfulness of School Library with Academic Work – Knowledge Acquisition**

Seventy-one to 82 percent of the students reported that the school library helped them with their academic work. Between 33.9 and 52.1 percent of the students considered the library “very helpful” or “helpful” with their school work. Between 13.5 and 27.0 percent of this group considered it “very helpful.” Students found learning more facts about topics and gaining new knowledge to be most helpful. According to their responses, gaining new knowledge also made students modify their views.

- The school library has helped me learn a lot more facts about my topics and find more information on my research questions

- The school library has helped me change my mind about some things I thought I knew

**Table IV.9. School Library and Knowledge Acquisition**

<b>Helpfulness of School Library with School Work in General</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped me develop good study habits	17.3%	21.2%	21.8%	13.9%	13.6%	11.4%
The school library has helped me get background information for classroom assignments	18.8%	27.4%	23.2%	12.1%	8.4%	8.9%
The school library has helped me learn a lot more facts about my topics and find more information on my research questions	23.7%	28.4%	23.8%	9.9%	6.9%	6.3%
The school library has helped me when I do not understand some of the things I am learning about	18.1%	23.9%	23.2%	12.8%	11.9%	9.0%
The school library has helped me figure out if my own ideas are good or bad	13.5%	21.2%	22.2%	13.8%	15.1%	12.9%
The school library has helped me change my mind about some things I thought I knew	27.0%	24.7%	21.3%	12.8%	11.9%	11.0%
The school library has helped me figure out my own opinions on topics	15.6%	23.0%	22.7%	13.5%	12.7%	11.1%
The school library has helped me connect new ideas and information with what I already know	17.6%	26.6%	23.6%	12.1%	10.5%	7.9%
The school library helped me contribute more in class discussions	14.3%	19.6%	22.0%	13.8%	16.0%	12.7%
The school library has helped me know how to use and give credit to other people's words and ideas	19.4%	24.1%	20.5%	12.4%	11.4%	10.7%

#### **4. Helpfulness of School Library in Using Technology**

Seventy-seven to 88 percent of the students surveyed reported that the school library helped them learn and use technology. Between 44.4 and 60.8 percent of the students regarded the technology available in the library as “very helpful” or “helpful” for finding and accessing information; of this group between 21.1 to 34.9 percent found the technology available to be “very helpful.” They regarded the technology most helpful for doing their school work:

- Computers and technology in the school library has helped me do my school work better

- Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work

**Table IV.10. School Library and Use of Technology**

<b>Helpfulness of School Library with Using Computers in Library, School, and Home</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
Computers and technology in the school library has helped me do my school work better	34.9%	25.9%	17.1%	8.6%	6.8%	5.5%
The school library has gotten me more interested in computers and technology	22.7%	21.7%	20.2%	11.7%	12.4%	10.0%
Computers and technology have helped me find information inside and outside of the school library	33.0%	25.5%	18.4%	8.1%	6.8%	6.8%
The school library has helped me search the Internet better	27.1%	24.4%	18.4%	10.9%	9.9%	7.8%
The school library has helped me evaluate and be more careful about information I find on the Internet	21.1%	25.4%	20.9%	11.4%	10.2%	9.6%
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work	36.1%	23.9%	14.8%	7.3%	6.9%	9.8%
The school library has helped me feel better about using computers and technology to do my school work	27.1%	23.1%	21.0%	9.9%	9.9%	7.7%

Few students responded that the technology in the school library was not helpful. Ten percent or less did not consider school library technology relevant to school work.

## **5. Helpfulness of School Library with General Reading**

Seventy-two to 83 percent of Wisconsin students indicated that the school library increased their interest in reading. Between 36.6 and 54.5 percent of the students regarded the library as “very helpful” or “helpful” in promoting their interest in reading and 17.4 to 31.4 found the library “very helpful” in this regard. The largest percentage indicated that:

- The school library has helped me find stories I like

**Table IV.11. School Library and Students' General Reading Interests**

<b>Helpfulness of School Library with General Reading Interests</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped me find stories I like	31.4%	23.1%	16.5%	10.7%	9.8%	7.2%
The school library has motivated me to read more	21.9%	21.0%	17.1%	12.3%	17.1%	9.2%
The school library has helped me get better at reading	22.5%	18.0%	17.4%	12.2%	16.6%	11.7%
The school library has helped me enjoy reading more	23.5%	19.0%	15.7%	12.5%	17.5%	10.1%
The school library has helped me be a better writer	17.4%	19.2%	17.4%	13.0%	18.3%	13.2%

However, a small percentage of students (7.2 to 13.2 percent) indicated that they did not associate the school library with reading for enjoyment. Between 9.8 to 17.5 percent of the students also did not find the school library helpful in increasing their interest in reading.

#### **6. Helpfulness of School Library with Out of School Interests and Activities**

Sixty-one to 79 percent of students found the school library helpful in providing them with skills and interests they could use and apply outside of school. Between 29.2 and 45.6 percent of the students considered the library “very helpful” or “helpful” in broadening their interests beyond school. Of this group 11.6 to 23.7 percent found the library “very helpful” in this regard. The largest percentage of students indicated that:

- The school library has helped me discover interesting topics other than my school work

**Table IV.12. Helpfulness of School Library When Students Are Not At School**

<b>Helpfulness of School Library When Not at School</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped me discover interesting topics other than my school work	23.7%	21.9%	19.7%	12.1%	12.0%	9.7%
The skills I've learned in the school library have helped me study at home	16.1%	23.0%	20.6%	13.7%	14.5%	11.0%
The school library has helped me get more organized with my homework	15.5%	19.3%	20.7%	13.8%	16.2%	13.1%
The school library has helped me find information even when I am not at school	15.3%	20.1%	19.4%	13.5%	15.6%	14.8%
The school library lessons have helped me solve problems better	15.5%	18.4%	19.6%	13.5%	16.8%	14.7%
The school library has helped me when I have a personal concern or an issue	11.6%	17.6%	17.6%	12.4%	18.7%	20.6%
Information in the school library has helped me decide what I need to do about this concern or issue	14.1%	17.9%	19.0%	11.7%	17.3%	18.2%

Ten to 20 percent of the students did not think that the school library has a role in broadening their interests or that the information skills they learned in the library are applicable outside of school.

## **7. Helpfulness of School Library with Academic Achievement**

A large percentage (70 to 82 percent) of the surveyed students agreed that the school library enhanced their academic performance. Between 36.2 and 48.8 percent of the students agreed that the library has been either “very helpful” or “helpful” in enhancing their academic performance. Between 15.3 to 26.1 percent of this group considered the library “very helpful” in this matter. The largest percentage of students attributed the following to the school library:

- The school library has helped me get better grades on my projects and assignments
- The school library has helped me do my school work better

**Table IV.13. School Library and Academic Achievement**

<b>Helpfulness of School Library with Academic Achievement</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Somewhat Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped me do my school work better	26.1%	22.5%	20.4%	11.2%	11.3%	8.0%
The school library has helped me get better grades on my projects and assignments	23.6%	25.2%	21.3%	11.3%	10.6%	7.1%
The school library has helped me get better grades on tests and quizzes	17.7%	19.0%	21.3%	12.7%	16.1%	12.6%
The school library has helped me do better on standardized tests	15.3%	20.9%	18.9%	14.0%	16.7%	13.1%
The school library has helped me feel more confident about doing my school work	20.1%	19.6%	20.1%	11.5%	16.9%	10.5%

A small percentage (8 to 13 percent) of the students did not see a connection between the activities and work they have done in the school library and their academic performance.

#### **8. Areas in Which School Library is Very Helpful**

The table below lists all statements in the order in which students found the school library “very helpful.” The largest percentage of students considered the availability of computer technology in the library for information search and access as most helpful. Five of the seven top statements involve technology. The top ten statements also highlight the contribution of the school library in increasing student interest in reading, finding different information sources, informing students, and enhancing academic performance.

**Table IV.14. Percentage of Students Rating Each Statement “Very Helpful”**

<b>Student Survey Statements by Rank Order of Very Helpful</b>	<b>Very Helpful</b>
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work	36.1%
Computers and technology in the school library has helped me do my school work better	34.9%
Computers and technology have helped me find information inside and outside of the school library	33.0%
The school library has helped me find stories I like	31.4%
The school library has helped me find different sources of information for my topics	27.7%
The school library has helped me search the Internet better	27.1%
The school library has helped me feel better about using computers and technology to do my school work	27.1%
The school library has helped me change my mind about some things I thought I knew	27.0%
The school library has helped me feel good about asking for assistance when I go there	26.2%
The school library has helped me do my school work better	26.1%
The school library has helped me use different kinds of information sources (books,	25.0%

magazines, CDs, websites, videos)	
The information in the school library has helped me work out the questions for the topics I am studying	24.2%
The school library has helped me locate information relevant to my questions and topics	23.9%
The school library has helped me learn a lot more facts about my topics and find more information on my research questions	23.7%
The school library has helped me discover interesting topics other than my school work	23.7%
The school library has helped me get better grades on my projects and assignments	23.6%
The school library has helped me enjoy reading more	23.5%
The school library has gotten me more interested in computers and technology	22.7%
The school library has helped me get better at reading	22.5%
The school library has helped me appreciate and understand that research takes a lot of time and work	21.9%
The school library has motivated me to read more	21.9%
The information I have found in the school library has helped me become more interested in my topics and to explore more topics	21.5%
The school library has helped me evaluate and be more careful about information I find on the Internet	21.1%
School library has helped me know the different steps in finding and using information	20.8%
The school library has helped me feel more confident about doing my school work	20.1%
The school library has helped me know how to use and give credit to other people's words and ideas	19.4%
The school library has helped me feel better about finding information	19.3%
The school library has helped me think about finding information next time	18.9%
The school library has helped me get background information for classroom assignments	18.8%
The school library has helped me when I do not understand some of the things I am learning about	18.1%
The school library has helped me know when I find good information	17.9%
The school library has helped me get better grades on tests and quizzes	17.7%
The school library has helped me connect new ideas and information with what I already know	17.6%
The school library has helped me put new information and ideas together for my topics	17.5%
The school library has helped me be a better writer	17.4%
The school library has helped me find different opinions about my topics	17.3%
The school library has helped me develop good study habits	17.3%
The school library has helped me work out the main ideas in the information I find	16.8%
The skills I've learned in the school library have helped me study at home	16.1%
The school library has helped me figure out my own opinions on topics	15.6%
The school library has helped me get more organized with my homework	15.5%
The school library lessons have helped me solve problems better	15.5%
The school library has helped me find information even when I am not at school	15.3%
The school library has helped me put information and ideas in my own words	15.3%
The school library has helped me do better on standardized tests	15.3%
The school library has helped me get better at taking notes	14.7%
The school library helped me contribute more in class discussions	14.3%



Information in the school library has helped me decide what I need to do about this concern or issue	14.1%
The school library has helped me figure out if my own ideas are good or bad	13.5%
The school library has helped me when I have a personal concern or an issue	11.6%

## 9. Overall School Library Helpfulness

Students rated each statement on a 5-point scale: “1-very helpful,” “2-helpful,” “3-somewhat helpful,” “4-of little help” and “5-not at all helpful.” Means for all students ranged from 2.16 to 3.11, indicating that students considered the library “helpful” or “somewhat helpful” in the categories. All but three of the 50 statements got mean ranking of 2.00 (“helpful”) and less than 3.00. Three statements got an average rating of 3.00 or higher (“somewhat helpful” to “of little help.”). Based on the mean scores, students overall considered the most helpful contribution of the school library to include:

- Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work: 2.16
- Computers and technology in the school library have helped me do my school work better: 2.21
- Computers and technology have helped me find information inside and outside of the school library: 2.24
- The information in the school library has helped me work out the questions for the topics I am studying: 2.47

Students gave the least credence to the role of the library as a personal advisor:

- The school library has helped me when I have a personal concern or an issue: 3.11

Assessment by students of the extent to which the school library has helped them varied by grade level. Elementary school students considered the library more helpful in all areas and across all statements than did middle/junior high and high school students. Elementary school students rated statements from a mean of 1.59 to 2.52 and considered the school library most helpful in the reading promotion area:

- The school library has helped me find stories I like: 1.59
- The school library has helped me enjoy reading more: 1.79
- The school library has motivated me to read more: 1.81
- The school library has helped me get better at reading: 1.81

Middle/junior high and high school students held similar views of the extent to which the school library has helped them. Means calculated for middle/junior high students ranged from 2.21 to 3.28. They gave a mean rating of 3.00 or higher (“somewhat helpful”) to 18 out of 50 statements. They found the school library most helpful in using technology to search for, access and retrieve information:

- Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work: 2.21
- Computers and technology in the school library have helped me do my school work better: 2.28
- Computers and technology have helped me find information inside and outside of the school library: 2.33

Mean ratings for high school students ranged from 2.15 to 3.37. High school students gave a mean rating of 3.00 or higher (“somewhat helpful”) to 21 out of 50 statements. Like middle/junior high school students, they found the use of technology most helpful:

- Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work: 2.15
- Computers and technology in the school library have helped me do my school work better: 2.36
- Computers and technology have helped me find information inside and outside of the school library: 2.36

**Table IV.15. Comparison of Students Mean Rating of Statements by Educational Level**

Statements	Block	Means			
		Elementary (942)	Middle/ Junior High (2,059)	High (956)	All Students (3,957)
School library has helped me know the different steps in finding and using information	Getting Information	1.91	2.61	2.63	2.44
The information in the school library has helped me work out the questions for the topics I am studying	Getting Information	2.17	2.36	2.38	2.32
The school library has helped me find different sources of information for my topics	Getting Information	2.16	2.37	2.45	2.34
The school library has helped me know when I find good information	Getting Information	2.19	2.77	2.85	2.65
The school library has helped me find	Getting	2.31	2.75	2.73	2.64

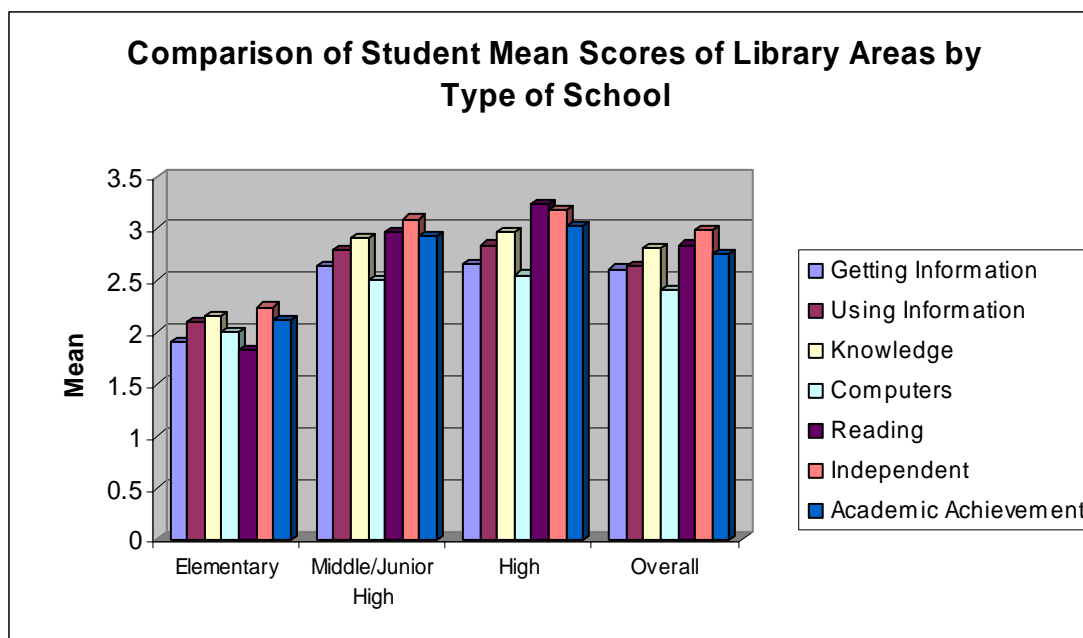
different opinions about my topics	Information				
The school library has helped me feel better about finding information	Getting Information	2.10	2.88	2.83	2.68
The school library has helped me feel good about asking for assistance when I go there	Getting Information	1.93	2.70	2.74	2.52
The school library has helped me use different kinds of information sources (books, magazines, CDs, websites, videos)	Using Information	2.02	2.43	2.47	2.34
The school library has helped me work out the main ideas in the information I find	Using Information	2.29	2.71	2.75	2.62
The school library has helped me get better at taking notes	Using Information	2.34	3.13	3.37	3.00
The school library has helped me put new information and ideas together for my topics	Using Information	2.08	2.81	2.90	2.67
The school library has helped me put information and ideas in my own words	Using Information	2.20	3.01	3.10	2.85
The school library has helped me think about finding information next time	Using Information	2.08	2.82	2.84	2.66
The school library has helped me appreciate and understand that research takes a lot of time and work	Using Information	1.91	2.81	2.80	2.60
The information I have found in the school library has helped me become more interested in my topics and to explore more topics	Using Information	2.01	2.80	2.85	2.63
The school library has helped me locate information relevant to my questions and topics	Using Information	1.94	2.57	2.55	2.42
The school library has helped me develop good study habits	Knowledge	2.08	3.05	3.11	2.83
The school library has helped me get background information for classroom assignments	Knowledge	2.13	2.73	2.76	2.60
The school library has helped me learn a lot more facts about my topics and find more information on my research questions	Knowledge	1.92	2.58	2.63	2.44
The school library has helped me when I do not understand some of the things I am learning about	Knowledge	2.15	2.89	2.98	2.74
The school library has helped me figure out if my own ideas are good or bad	Knowledge	2.34	3.12	3.16	2.95
The school library has helped me change my mind about some things I thought I knew	Knowledge	2.09	2.90	3.06	2.75
The school library has helped me figure	Knowledge	2.22	2.97	3.09	2.83

out my own opinions on topics					
The school library has helped me connect new ideas and information with what I already know	Knowledge	2.06	2.84	2.93	2.68
The school library helped me contribute more in class discussions	Knowledge	2.39	3.12	3.21	2.97
The school library has helped me know how to use and give credit to other people's words and ideas	Knowledge	2.14	2.84	2.85	2.69
Computers and technology in the school library has helped me do my school work better	Computers	1.93	2.28	2.36	2.21
The school library has gotten me more interested in computers and technology	Computers	2.06	2.80	2.91	2.65
Computers and technology have helped me find information inside and outside of the school library	Computers	1.89	2.33	2.36	2.24
The school library has helped me search the Internet better	Computers	1.92	2.62	2.70	2.47
The school library has helped me evaluate and be more careful about information I find on the Internet	Computers	2.07	2.74	2.78	2.60
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work	Computers	2.04	2.21	2.15	2.16
The school library has helped me feel better about using computers and technology to do my school work	Computers	2.13	2.57	2.63	2.48
The school library has helped me find stories I like	Reading	1.59	2.55	2.88	2.39
The school library has motivated me to read more	Reading	1.81	3.04	3.32	2.80
The school library has helped me get better at reading	Reading	1.81	3.04	3.34	2.80
The school library has helped me enjoy reading more	Reading	1.79	3.05	3.33	2.79
The school library has helped me be a better writer	Reading	2.15	3.16	3.31	2.95
The school library has helped me discover interesting topics other than my school work	Independent	1.88	2.79	3.00	2.63
The skills I've learned in the school library have helped me study at home	Independent	2.18	3.03	3.12	2.86
The school library has helped me get more organized with my homework	Independent	2.29	3.12	3.19	2.95
The school library has helped me find information even when I am not at school	Independent	2.24	3.10	3.19	2.93
The school library lessons have helped me solve problems better	Independent	2.24	3.17	3.26	2.97
The school library has helped me when I	Independent	2.52	3.28	3.30	3.11

have a personal concern or an issue					
Information in the school library has helped me decide what I need to do about this concern or issue	Independent	2.40	3.16	3.22	3.01
The school library has helped me do my school work better	Achievement	1.99	2.70	2.81	2.55
The school library has helped me get better grades on my projects and assignments	Achievement	2.03	2.71	2.81	2.67
The school library has helped me get better grades on tests and quizzes	Achievement	2.17	3.09	3.17	2.89
The school library has helped me do better on standardized tests	Achievement	2.30	3.11	3.25	2.95
The school library has helped me feel more confident about doing my school work	Achievement	2.14	3.03	3.13	2.84

*\* Students ranked each statement on a 5-point scale ranging from “1 - very helpful” to “5 - not at all helpful.”*

Students rated each statement on a 5-point scale ranging from “1 – very helpful” to “5 – not at all helpful.” The rating of individual statements was combined within each block of statements to calculate an overall mean for the block. The lower the mean the more helpful students found the block of dimensions of help offered by the school library. On average, students found the availability of school library computers to search for and access information most helpful followed by the library as a source for getting and using information. Student assessment of the extent to which the school library helps them in different areas varied by grade level. Overall, elementary school students found the library more helpful in all areas than did middle/junior high and high school students. For elementary school students, reading, getting information and technology were the three top areas in which the library was most helpful to them. Middle/junior high and high school students had similar ratings of the helpfulness of the school library in stated areas. Middle/junior high and high school students considered the library most helpful in teaching them how to use technology to search and access information and as a source for getting and using information. The role of the library as a promoter of reading, rated first by elementary school students, was ranked 6 out of 7 by middle/junior high school students and last by high school students.



**Table IV.16. Comparison of Student Mean Scores and Ranking of Library Areas by Type of School**

Block	Elementary		Middle/Junior High		High		Overall	
	Mean	Rank	Mean	Rank	Mean	Rank	Mean	Rank
Getting Information	1.91	2	2.63	2	2.66	2	2.61	2
Using Information	2.10	4	2.79	3	2.84	3	2.63	3
Knowledge	2.15	6	2.90	4	2.97	4	2.81	5
Computers	2.00	3	2.50	1	2.55	1	2.41	1
Reading	1.83	1	2.96	6	3.23	7	2.84	6
Independent	2.24	7	3.09	7	3.18	6	2.99	7
Academic Achievement	2.12	5	2.92	5	3.03	5	2.76	4

\* Scale for calculating means ranged from "1 - very helpful" to "5 - not at all helpful."

## 10. School Library Helpfulness and Access to School Library Resources

Students were compared in their ability to access library resources from the classroom. Students were divided into two groups: those who can access the library catalog from the classroom (1,029) and those who cannot (2,885). Students who did not respond to this question were not included in the analysis.

**Table IV.17. Access to Library Catalog From Classroom**

	Number of Students (N=3,957)	Percent of Students
Yes	1,029	26.0%
No	2,885	72.9%
No Answer	43	1.1%

Students with access to the library catalog from the classroom considered the library more helpful to them along all dimensions of help represented in the 50 statements than those students who did not have access to the library catalog from the classroom. Mean scores for students with access to library resources from the classroom ranged from 1.99 to 2.81. Mean scores for students without classroom access to library resources ranged from 2.22 to 3.23.

Regardless of availability or unavailability of access to library resources from the classroom, students considered technology the most helpful among the range of library resources. However, students with access to library resources from their classroom considered technology more helpful than students without access.

- Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work
- Computers and technology in the school library has helped me do my school work better

**Table IV.18. Comparison of Students Mean Rating of Statements by Having of Lacking Access to Library Catalog from Classroom**

Statements	Blocks	Can Access Library Catalog From Classroom Means		
		Yes (1,029)	No (2,885)	All Students (3,957)
School library has helped me know the different steps in finding and using information	Getting Information	2.14	2.55	2.44
The information in the school library has helped me work out the questions for the topics I am studying	Getting Information	2.11	2.39	2.32
The school library has helped me find different sources of information for my topics	Getting Information	2.13	2.42	2.34
The school library has helped me know when I find good information	Getting Information	2.36	2.76	2.65
The school library has helped me find different opinions about my topics	Getting Information	2.33	2.76	2.64
The school library has helped me feel better about finding information	Getting Information	2.37	2.79	2.68
The school library has helped me feel good about asking for assistance when I go there	Getting Information	2.27	2.62	2.52
The school library has helped me use different kinds of information sources (books, magazines, CDs, websites,	Using Information	2.14	2.42	2.34

videos)				
The school library has helped me work out the main ideas in the information I find	Using Information	2.32	2.72	2.62
The school library has helped me get better at taking notes	Using Information	2.69	3.11	3.00
The school library has helped me put new information and ideas together for my topics	Using Information	2.41	2.76	2.67
The school library has helped me put information and ideas in my own words	Using Information	2.61	2.93	2.85
The school library has helped me think about finding information next time	Using Information	2.39	2.75	2.66
The school library has helped me appreciate and understand that research takes a lot of time and work	Using Information	2.31	2.70	2.60
The information I have found in the school library has helped me become more interested in my topics and to explore more topics	Using Information	2.36	2.73	2.63
The school library has helped me locate information relevant to my questions and topics	Using Information	2.20	2.50	2.42
The school library has helped me develop good study habits	Knowledge	2.55	2.93	2.83
The school library has helped me get background information for classroom assignments	Knowledge	2.39	2.68	2.60
The school library has helped me learn a lot more facts about my topics and find more information on my research questions	Knowledge	2.21	2.53	2.44
The school library has helped me when I do not understand some of the things I am learning about	Knowledge	2.49	2.83	2.74
The school library has helped me figure out if my own ideas are good or bad	Knowledge	2.70	3.05	2.95
The school library has helped me change my mind about some things I thought I knew	Knowledge	2.50	2.84	2.75
The school library has helped me figure out my own opinions on topics	Knowledge	2.60	2.91	2.83
The school library has helped me connect new ideas and information with what I already know	Knowledge	2.44	2.77	2.68
The school library helped me contribute more in class discussions	Knowledge	2.71	3.07	2.97
The school library has helped me know how to use and give credit to other people's words and ideas	Knowledge	2.45	2.77	2.69

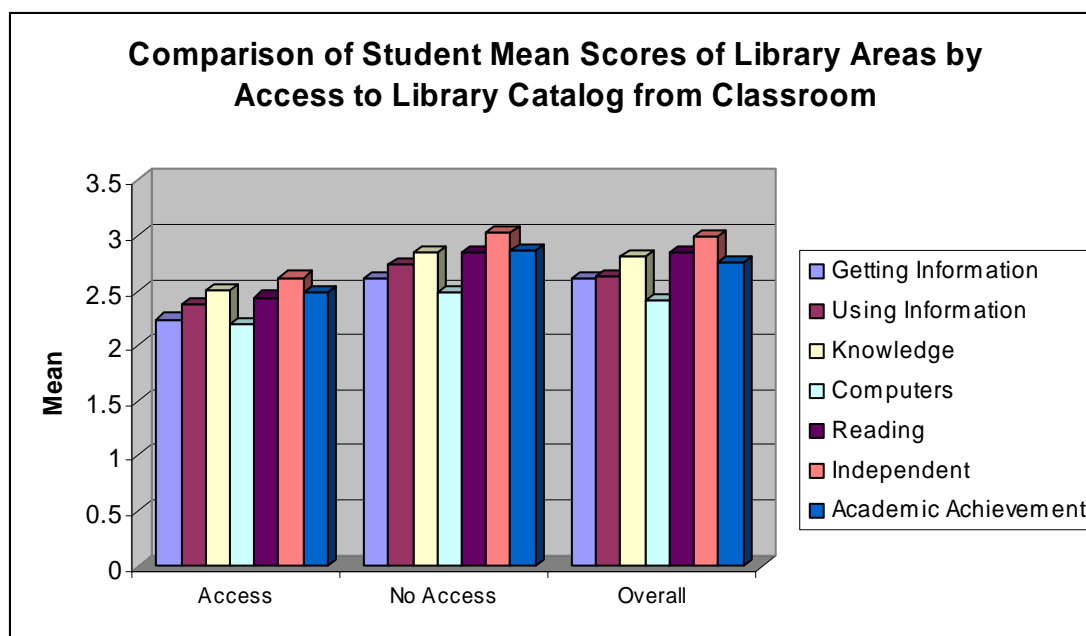


Computers and technology in the school library has helped me do my school work better	Computers	2.04	2.28	2.21
The school library has gotten me more interested in computers and technology	Computers	2.46	2.73	2.65
Computers and technology have helped me find information inside and outside of the school library	Computers	2.09	2.30	2.24
The school library has helped me search the Internet better	Computers	2.18	2.58	2.47
The school library has helped me evaluate and be more careful about information I find on the Internet	Computers	2.33	2.70	2.60
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work	Computers	1.99	2.22	2.16
The school library has helped me feel better about using computers and technology to do my school work	Computers	2.24	2.57	2.48
The school library has helped me find stories I like	Reading	2.15	2.48	2.39
The school library has motivated me to read more	Reading	2.48	2.91	2.80
The school library has helped me get better at reading	Reading	2.48	2.91	2.80
The school library has helped me enjoy reading more	Reading	2.46	2.91	2.79
The school library has helped me be a better writer	Reading	2.63	3.06	2.95
The school library has helped me discover interesting topics other than my school work	Independent	2.32	2.74	2.63
The skills I've learned in the school library have helped me study at home	Independent	2.56	2.97	2.86
The school library has helped me get more organized with my homework	Independent	2.64	3.06	2.95
The school library has helped me find information even when I am not at school	Independent	2.66	3.03	2.93
The school library lessons have helped me solve problems better	Independent	2.68	3.08	2.97
The school library has helped me when I have a personal concern or an issue	Independent	2.81	3.23	3.11
Information in the school library has helped me decide what I need to do about this concern or issue	Independent	2.72	3.11	3.01
The school library has helped me do my school work better	Achievement	2.31	2.64	2.55
The school library has helped me get better grades on my projects and assignments	Achievement	2.31	2.66	2.67

The school library has helped me get better grades on tests and quizzes	Achievement	2.60	2.99	2.89
The school library has helped me do better on standardized tests	Achievement	2.67	3.05	2.95
The school library has helped me feel more confident about doing my school work	Achievement	2.52	2.95	2.84

\* Scale for calculating means ranged from "1 - very helpful" to "5 - not at all helpful."

Students who could access the library catalog from their classroom considered the library more helpful in all areas compared to students without access to library resources from the classroom. Both groups of students considered the same three areas to be most helpful: technology to search and access information, getting information and using information.



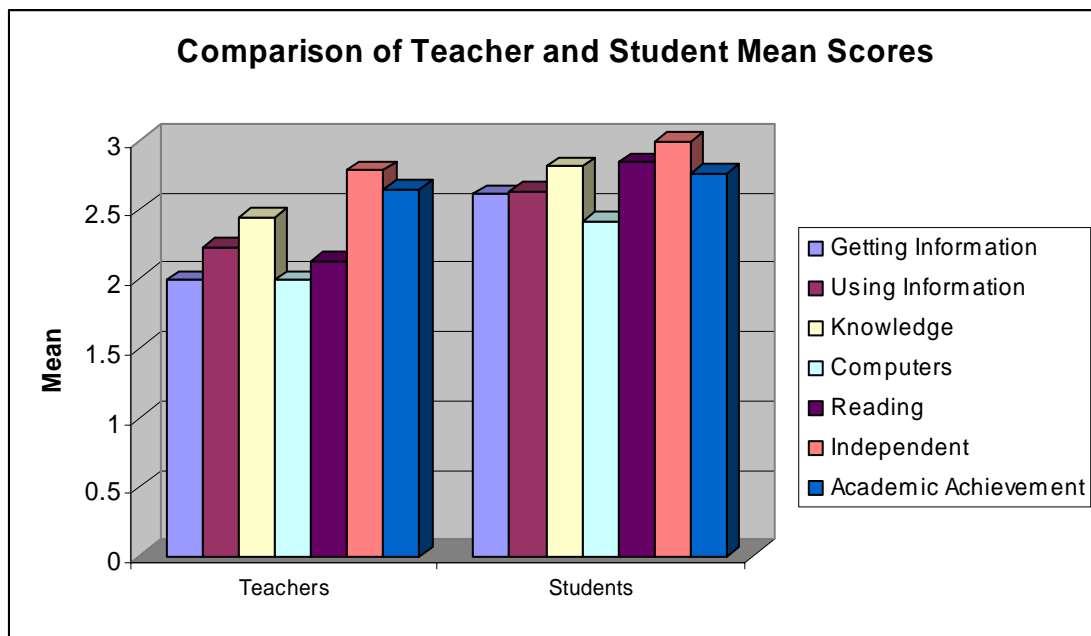
**Table IV.19. Comparison of Student Mean Scores and Ranking of Library Areas by Access to Library Catalog from Classroom**

Block	Access to Library Catalog				Overall	
	Yes		No			
	Mean	Rank	Mean	Rank	Mean	Rank
Getting Information	2.24	2	2.61	2	2.61	2
Using Information	2.37	3	2.73	3	2.63	3
Knowledge	2.50	6	2.84	4	2.81	5
Computers	2.19	1	2.48	1	2.41	1
Reading	2.44	4	2.85	5	2.84	6
Independent	2.62	7	3.03	7	2.99	7
Academic Achievement	2.48	5	2.86	6	2.76	4

\* Means were ranked from lowest to highest. Scale for calculating means ranged from "1 - very helpful" to "5 - not at all helpful."

## V. TEACHER – STUDENT COMPARISON

Wisconsin teachers and students differed to some extent in their assessment of the importance of the school library. Teachers rated all seven areas of the library as more helpful than did students. Both teachers and students considered the helpfulness of the library as a source of information and the use of technology for information search, access and retrieval as most important. Teachers considered the role of the library as a source of information the most helpful area; students considered availability of technology for information search, access and retrieval as the most important area. Teachers ranked the helpfulness of the library in promoting reading higher than did students. Students considered the contribution of the library to their academic achievement more important than did teachers.



**Table V.1. Comparison of Teacher and Student Mean Scores**

Block	Teachers		Students	
	Means	Rank	Means	Rank
Getting Information	1.99	1	2.61	2
Using Information	2.23	4	2.63	3
Knowledge	2.44	5	2.81	5
Computers	1.99	2	2.41	1
Reading	2.13	3	2.84	6
Independent	2.78	7	2.99	7
Academic Achievement	2.64	6	2.76	4

*\* Means were ranked from lowest (most helpful) to highest (least helpful). Scale for calculating means ranged from "1 - very helpful" to "5 - not at all helpful."*

Both teachers and students considered the school library helpful. Teachers' mean scores ranged from 1.76 to 3.14. Teachers gave mean scores of 3.00 or higher ("somewhat helpful") to only four out of the statements. Students' mean scores ranged from 2.16 to 3.11. Students gave a mean rating of 3.00 or higher ("somewhat helpful") to three statements.

**Table V.2. Comparison of Teacher and Student Mean Rating of Statements**

Statements	Block	Means	
		Teachers	Students
School library has helped me know the different steps in finding and using information	Getting Information	1.89	2.44
The information in the school library has helped me work out the questions for the topics I am studying	Getting Information	1.94	2.32
The school library has helped me find different sources of information for my topics	Getting Information	1.79	2.34
The school library has helped me know when I find good information	Getting Information	2.12	2.65
The school library has helped me find different opinions about my topics	Getting Information	2.33	2.64
The school library has helped me feel better about finding information	Getting Information	2.09	2.68
The school library has helped me feel good about asking for assistance when I go there	Getting Information	1.80	2.52
The school library has helped me use different kinds of information sources (books, magazines, CDs, websites, videos)	Using Information	1.96	2.34
The school library has helped me work out the main ideas in the information I find	Using Information	2.22	2.62
The school library has helped me get better at taking notes	Using Information	2.88	3.00
The school library has helped me put new information and ideas together for my topics	Using Information	2.35	2.67
The school library has helped me put information and ideas in my own words	Using Information	2.77	2.85
The school library has helped me think about finding information next time	Using Information	2.00	2.66
The school library has helped me appreciate and understand that research takes a lot of time and work	Using Information	2.26	2.60
The information I have found in the school library has helped me become more interested in my topics and to explore more topics	Using Information	2.11	2.63
The school library has helped me locate information relevant to my questions and topics	Using Information	1.78	2.42
The school library has helped me develop good study habits	Knowledge	2.97	2.83
The school library has helped me get background information for classroom assignments	Knowledge	2.08	2.60
The school library has helped me learn a lot more facts	Knowledge	1.88	2.44

about my topics and find more information on my research questions			
The school library has helped me when I do not understand some of the things I am learning about	Knowledge	2.39	2.74
The school library has helped me figure out if my own ideas are good or bad	Knowledge	2.85	2.95
The school library has helped me change my mind about some things I thought I knew	Knowledge	2.52	2.75
The school library has helped me figure out my own opinions on topics	Knowledge	2.55	2.83
The school library has helped me connect new ideas and information with what I already know	Knowledge	2.24	2.68
The school library helped me contribute more in class discussions	Knowledge	2.49	2.97
The school library has helped me know how to use and give credit to other people's words and ideas	Knowledge	2.64	2.69
Computers and technology in the school library has helped me do my school work better	Computers	1.94	2.21
The school library has gotten me more interested in computers and technology	Computers	1.96	2.65
Computers and technology have helped me find information inside and outside of the school library	Computers	1.80	2.24
The school library has helped me search the Internet better	Computers	1.97	2.47
The school library has helped me evaluate and be more careful about information I find on the Internet	Computers	2.27	2.60
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work	Computers	1.95	2.16
The school library has helped me feel better about using computers and technology to do my school work	Computers	2.02	2.48
The school library has helped me find stories I like	Reading	1.76	2.39
The school library has motivated me to read more	Reading	2.02	2.80
The school library has helped me get better at reading	Reading	2.18	2.80
The school library has helped me enjoy reading more	Reading	2.02	2.79
The school library has helped me be a better writer	Reading	2.73	2.95
The school library has helped me discover interesting topics other than my school work	Independent	2.26	2.63
The skills I've learned in the school library have helped me study at home	Independent	2.66	2.86
The school library has helped me get more organized with my homework	Independent	3.14	2.95
The school library has helped me find information even when I am not at school	Independent	2.74	2.93
The school library lessons have helped me solve problems better	Independent	2.86	2.97
The school library has helped me when I have a personal concern or an issue	Independent	3.03	3.11
Information in the school library has helped me decide what I need to do about this concern or issue	Independent	2.91	3.01

The school library has helped me do my school work better	Achievement	2.34	2.55
The school library has helped me get better grades on my projects and assignments	Achievement	2.23	2.67
The school library has helped me get better grades on tests and quizzes	Achievement	3.05	2.89
The school library has helped me do better on standardized tests	Achievement	3.03	2.95
The school library has helped me feel more confident about doing my school work	Achievement	2.64	2.84

**APPENDIX A:**  
**TEACHER AND STUDENT QUESTIONNAIRES**

## TEACHER SURVEY

### Background Information

1. School Name: \_\_\_\_\_
2. District Name: \_\_\_\_\_
3. School Level: (**CHECK ONE ONLY**)
  - 1 Elementary
  - 2 Middle/Junior High
  - 3 High school
  - 4 Combined: Elementary-Middle/Junior High
  - 5 Combined: Middle/Junior High and High School
  - 6 Combined: Elementary-Middle/Junior High-High School
4. Grade levels: (**CHECK ALL THAT APPLY**)  
K   1   2   3   4   5   6   7   8   9   10   11   12
5. How would you characterize the area in which your school is located: (**CHECK ONE ONLY**)
  - 1 Urban, inner-city
  - 2 Urban, other
  - 3 Suburban
  - 4 Rural
  - 5 Other (**SPECIFY**): \_\_\_\_\_
6. What content area(s) do you teach? \_\_\_\_\_
7. How many years of teaching experience do you have? \_\_\_\_
8. How many student computers do you have in your classroom? \_\_\_\_
9. Can you/your students access library resources from: (**CHECK YES OR NO FOR EACH**)

	<b>Yes</b>	<b>No</b>	<b>Unsure</b>
Student computers in your classroom	1	2	
Your classroom computer	1	2	
Your home computer	1	2	
Students' home computers	1	2	
10. About how many times have you collaboratively planned a lesson with the Library Media Specialist this school year? \_\_\_\_\_ times



- 11 Have you aligned and integrated your content standards and lessons with the Information and Technology Literacy Standards (ITLS)?
- 1 Yes 2 No
12. About how many content units where ITLS has been aligned and integrated did you teach this school year? \_\_\_\_
- 13 What is your gender?
- 1 Male 2 Female
- 14 What is your ethnic/racial background? (CHECK ONE ONLY)
- 1 White  
2 Hispanic  
3 Black  
4 Asian American  
5 Native American  
6 Other (SPECIFY): \_\_\_\_\_

**Please use the following 5-point scale, ranging from “Very Helpful” to “Not At All Helpful” to rate each of the statements below. If you do not have experience with a statement, please rate it as “Does Not Apply.”**

Very Helpful	Helpful	Somewhat Helpful	Of Little Help	Not At All Helpful	Does Not Apply
1	2	3	4	5	0

15. How helpful the school library is for students with getting information they need?

Statement	Very Helpful	Helpful	Some- what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped my students know the different steps in finding and using information.						
The information in the school library has helped my students work out the questions for the topics they are studying.						
The school library has helped my students find different sources of information (such as books, magazines, CDs, websites, videos) for their research topics.						
The school library has helped my students						

know when they find good information.						
The school library has helped my students find different opinions about their topics.						
The school library has helped my students feel better about doing research.						
The school library has helped my students feel better about asking for assistance when they go there.						

16. How helpful the school library is for students with using the information to complete their school work?

<b>Statement</b>	<b>Very Helpful</b>	<b>Helpful</b>	<b>Some-what Helpful</b>	<b>Of Little Help</b>	<b>Not At All Helpful</b>	<b>Does Not Apply</b>
The school library has helped my students use different kinds of information sources						
The school library has helped my students work out the main ideas in the information they find.						
The school library has helped my students get better at taking notes.						
The school library has helped my students put new information and ideas together for their topics.						
The school library has helped my students put information and ideas in their own words.						
The school library has helped my students learn about how they should find information next time.						
The school library has helped my students appreciate and understand that good research takes a lot of time and work.						
The information my students have found in the school library has helped them become more interested in their topics and to explore more topics.						
The school library has helped my students locate information relevant to their questions and topics.						

17. How helpful the school library is with students' school work in general?

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped my students develop good study habits.						
The school library has helped my students get background information for classroom assignments.						
The school library has helped my students learn a lot more facts about their topics and find more information on their research questions.						
The school library has helped my students when they do not understand some of the things they learn about.						
The school library has helped my students figure out if their own ideas are good or bad.						
The school library has helped my students change their minds about some things they thought they knew.						
The school library has helped my students figure out their own opinions on topics.						
The school library has helped my students connect new ideas and information with what they already knew.						
The school library helped my students contribute more in class discussions.						
The school library has helped my students know how to use and give credit to other people's words and ideas.						

18. How helpful the school library is with using computers in the library, at school, and at home?

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
Computers and technology in the school library has helped my students do their school work better.						
The school library has gotten my students more interested in computers and technology.						
Computers and technology have helped my students find information inside and outside of the school library.						
The school library has helped my students search the Internet better.						
The school library has helped my students evaluate and be more careful about information they find on the Internet.						
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped my students do their school work.						
The school library has helped my students feel better about using computers and technology to do their school work.						

19. How helpful the school library is to students with their general reading interests?

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped my students find stories they like.						
The school library has motivated my students to read more.						
The school library has helped my students get better at reading.						
The school library has helped my students enjoy reading more.						
The school library has helped my students be better writers.						

20. How helpful the school library is to students when they are not at school?

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped my students discover interesting topics other than their school work.						
The skills that my students have learned in the school library have helped them study at home.						
The school library has helped my students get more organized with their homework.						
The school library has helped my students find information even when they are not at school.						
The school library instruction has helped my students solve problems better.						
The school library has helped my students when they have a personal issue or concern.						
Information in the school library has helped students decide what they need to do about this issue or concern.						

21. Now, some general things (ACADEMIC ACHIEVEMENT).

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped my students do their school work better.						
The school library has helped my students get better grades on their projects and assignments.						
The school library has helped my students get better grades on tests and quizzes.						
The school library has helped my students do better on standardized tests.						
The school library has helped my students feel more confident about doing their school work.						

**THANK YOU FOR COMPLETING THE QUESTIONNAIRE!**

## STUDENT QUESTIONNAIRE

1. School Name: \_\_\_\_\_
2. District Name: \_\_\_\_\_
3. Is your school: (**CHECK ONE ONLY**)
  - 7 Elementary
  - 8 Middle/Junior High
  - 9 High school
  - 10 Combined: Elementary-Middle/Junior High
  - 11 Combined: Middle/Junior High and High School
  - 12 Combined: Elementary-Middle/Junior High-High School
4. In what grade are you: (**CHECK ONE ONLY**)
  - 1 Grade 4
  - 2 Grade 8
  - 3 Grade 10
  - 4 Other (**SPECIFY**): \_\_\_\_\_
5. Do you access the library catalog from your classroom?
  - 1 Yes
  - 2 No
6. Do you access other library resources (such as online databases, online encyclopedias) from your classroom?
  - 1 Yes
  - 2 No
7. How many times did you go to your school library in the last month... (**RECORD NUMBER OF TIMES FOR EACH**)  
  
By yourself \_\_\_\_\_ With your class: \_\_\_\_\_
8. When you go to the school library by yourself, do you go to: (**CHECK ALL THAT APPLY**)
  - 1 Find a book
  - 2 Take an AR test
  - 3 Do school work or a report
  - 4 Use computers
  - 5 Find information about a personal question or topic
  - 6 Use audio or video resources
  - 7 Other reason (**DESCRIBE**): \_\_\_\_\_
9. What is your gender?

1 Male 2 Female

10. What is your ethnic/racial background? (CHECK ONE ONLY)

- 1 White
- 2 Hispanic
- 3 Black
- 4 Asian American
- 5 Native American
- 6 Other (SPECIFY): \_\_\_\_\_

**Please use the following 5-point scale, ranging from “Very Helpful” to “Not At All Helpful” to rate each of the statements below. If you do not have experience with a statement, please rate it as “Does Not Apply.”**

Very Helpful	Helpful	Somewhat Helpful	Of Little Help	Not At All Helpful	Does Not Apply
1	2	3	4	5	0

11. How helpful the school library is with getting information you need?

Statement	Very Helpful	Helpful	Some- what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped me know the different steps in finding and using information.						
The information in the school library has helped me work out the questions for the topics that I am studying.						
The school library has helped me find different sources of information (such as books, magazines, CDs, websites, videos) for my topics.						
The school library has helped me know when I find good information.						
The school library has helped me find different opinions about my topics.						
The school library has helped me feel better about finding information.						
The school library has helped me feel good about asking for assistance when I go there.						

12. How helpful the school library is with using the information to complete your school work?

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped me use the different kinds of information sources (such as books, magazines, CDs, websites, videos).						
The school library has helped me work out the main ideas in the information I find.						
The school library has helped me get better at taking notes.						
The school library has helped me put new information and ideas together for my topics.						
The school library has helped me put information and ideas in my own words.						
The school library has helped me think about how I should go about finding information next time.						
The school library has helped me appreciate and understand that research takes a lot of time and work.						
The information I have found in the school library has helped me become more interested in my topics and to explore more topics.						
The school library has helped me locate information relevant to my questions and topics.						



13. How helpful the school library is with your school work in general.

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped me develop good study habits.						
The school library has helped me get background information for classroom assignments.						
The school library has helped me learn a lot more facts about my topics and find more information on my research questions.						
The school library has helped me when I do not understand some of the things I am learning about.						
The school library has helped me figure out if my own ideas are good or bad.						
The school library has helped me change my mind about some things I thought I knew.						
The school library has helped me figure out my own opinions on topics.						
The school library has helped me connect new ideas and information with what I already know.						
The school library has helped me contribute more in class discussions.						
The school library has helped me know how to use and give credit to other people's words and ideas.						

14. How helpful the school library is with using computers in the library, at school, and at home?

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
Computers and technology in the school library have helped me do my school work better.						
The school library has gotten me more interested in computers and technology.						
Computers and technology have helped me find information inside and outside of the school library.						
The school library has helped me search the Internet better.						
The school library has helped me evaluate and be more careful about information I find on the Internet.						
Computer programs (like PowerPoint, Word, and Excel) in the school library have helped me do my school work.						
The school library has helped me feel better about using computers and technology to do my school work.						

15. How helpful the school library is with your general reading interests?

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped me find stories I like.						
The school library motivates me to read more.						
The school library has helped me get better at reading.						
The school library has helped me enjoy reading more.						
The school library has helped me be a better writer.						

16. How helpful the school library is to you when you are not at school.

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped me discover interesting topics other than my school work.						
The things I've learned in the school library have helped me study at home.						
The school library has helped me get more organized with my homework.						
The school library has helped me find information even when I am not at school.						
The school library lessons have helped me solve problems better.						
The school library has helped me when I have a personal concern or an issue.						
Information in the school library has helped me decide what I need to do about this concern or issue.						

17. Now, some general things (ACADEMIC ACHIEVEMENT).

Statement	Very Helpful	Helpful	Some-what Helpful	Of Little Help	Not At All Helpful	Does Not Apply
The school library has helped me do my school work better.						
The school library has helped me get better grades on my projects and assignments.						
The school library has helped me get better grades on tests and quizzes.						
The school library has helped me do better on standardized tests.						
The school library has helped me feel more confident about doing my school work.						

**THANK YOU FOR COMPLETING THE QUESTIONNAIRE!**

## APPENDIX A: TEACHER SURVEY QUESTIONS

### TEACHER SURVEY

#### Background Information

1. School Name: \_\_\_\_\_
2. District Name: \_\_\_\_\_
3. School Level: (**CHECK ONE ONLY**)
  - 1 Elementary
  - 2 Middle/Junior High
  - 3 High school
  - 4 Combined: Elementary-Middle/Junior High
  - 5 Combined: Middle/Junior High and High School
  - 6 Combined: Elementary-Middle/Junior High-High School
4. Grade levels: (**CHECK ALL THAT APPLY**)  
K   1   2   3   4   5   6   7   8   9   10   11   12
5. How would you characterize the area in which your school is located: (**CHECK ONE ONLY**)
  - 1 Urban, inner-city
  - 2 Urban, other
  - 3 Suburban
  - 4 Rural
  - 5 Other (**SPECIFY**): \_\_\_\_\_
6. What content area(s) do you teach? \_\_\_\_\_
7. How many years of teaching experience do you have? \_\_\_\_\_
8. How many student computers do you have in your classroom? \_\_\_\_\_
9. Can you/your students access library resources from: (**CHECK YES OR NO FOR EACH**)

	Yes	No	Unsure
Student computers in your classroom	1	2	
Your classroom computer	1	2	
Your home computer	1	2	
Students' home computers	1	2	

11. About how many times have you collaboratively planned a lesson with the Library Media Specialist this school year? \_\_\_\_\_ times

12. Have you aligned and integrated your content standards and lessons with the Information and Technology Literacy Standards (ITLS)?

1      Yes                      2      No

13. About how many content units where ITLS has been aligned and integrated did you teach this school year? \_\_\_\_\_

14. What is your gender?

1      Male                      2      Female

15. What is your ethnic/racial background? (CHECK ONE ONLY)

- 1    White
- 2    Hispanic
- 3    African American
- 4    Asian American
- 5    Native American
- 6    Other (SPECIFY): \_\_\_\_\_

*Please use the following 5-point scale, ranging from “Very Helpful” to “Not At All Helpful” to rate each of the statements below. If you do not have experience with a statement, please rate it as “Does Not Apply.”*

Very Helpful	Helpful	Somewhat Helpful	Of Little Help	Not At All Helpful	Does Not Apply
1	2	3	4	5	0

**Each statement will have the scale.**

**I. How helpful the school library is for students with getting information they need.**

11. The school library has helped my students know the different steps in finding and using information.

12. The information in the school library has helped my students work out the questions for the topics they are studying.

13. The school library has helped my students find different sources of information (such as books, magazines, CDs, websites, videos) for their research topics.

14. The school library has helped **my** students know when they find good information.
15. The school library has helped **my** students find different opinions about their topics.
16. The school library has helped **my** students feel better about doing research.
17. The school library has helped **my** students feel better about asking for assistance when they go there.

**II. How helpful the school library is for students with using the information to complete their school work.**

21. The school library has helped **my** students use different kinds of information sources such as books, magazines, CDs, websites, videos.
23. The school library has helped **my** students locate information relevant to their questions and topics.
22. The school library has helped **my** students work out the main ideas in the information they find.
23. The school library has helped **my** students get better at taking notes.
24. The school library has helped **my** students put **new information and ideas** together for their topics.
25. The school library has helped **my** students put **information and** ideas in their own words.
26. The school library has helped **my** students learn about how they should find information next time.
27. The school library has helped **my** students **appreciate and understand** that **good** research takes a lot of **time and** work.
28. The information **my** students have found in the school library has helped them become more interested in their topics **and to explore more topics**.

**III. How helpful the school library is with students' school work in general.**

- \*31. The school library helps my students develop good study habits.
32. The school library has helped **my** students get background information for **classroom assignments**.

33. The school library has helped **my** students learn a lot more facts about their topics **and find more information on their research questions.**
34. The school library has helped **my** students when they do not understand some **of the things they learn about.**
35. The school library has helped **my** students figure out if their own ideas are good or bad.
36. The school library has helped **my** students change their minds about some things they thought they knew.
37. The school library has helped **my** students figure out their own opinions on topics.
39. The school library has helped **my** students connect **new** ideas **and information with what** they already **knew.**
- 3A. The school library helped **my** students **contribute** more in class discussions.
- 3B. The school library has helped **my** students know how to use and give credit to other people's words and ideas.

**IV. How helpful the school library is with using computers in the library, at school, and at home.**

41. Computers **and technology** in the school library has helped **my** students do their school work better.
42. The school library has gotten **my** students more interested in computers **and technology.**
43. Computers **and technology** have helped **my** students find information inside and outside of the school library.
44. The school library has helped **my** students search the Internet better.
45. The school library has helped **my** students **evaluate and** be more careful about information they find on the Internet.
46. Computer programs (like PowerPoint, Word, and Excel) in the school library have helped **my** students do their school work.
47. The school library has helped **my** students feel better about using computers **and technology** to do their school work.

**V. How helpful the school library is to students with their general reading interests.**

- 51. The school library has helped my students find stories they like.
- 52. The school library has motivated my students to read more.
- 53. The school library has helped my students get better at reading.
- 54. The school library has helped my students enjoy reading more.
- 55. The school library has helped my students be better writers.

**VI. How helpful the school library is to students when they are not at school.**

- 61. The school library has helped my students discover interesting topics other than their school work.
- 62. The skills that my students have learned in the school library have helped them study at home.
- 63. The school library has helped my students get more organized with their homework.
- 64. The school library has helped my students find information even when they are not at school.
- 65. The school library instruction has helped my students solve problems better.
- 66. The school library has helped my students when they have a personal issue or concern.
- \*67. Information in the school library has helped students decide what they need to do about this issue or concern.

**VII. Now, some general things (ACADEMIC ACHIEVEMENT)**

- 71. The school library has helped my students do their school work better.
- 72. The school library has helped my students get better grades on their projects and assignments.
- 73. The school library has helped my students get better grades on tests and quizzes.
- \*74. The school library has helped my students do better on standardized tests.
- 75. The school library has helped my students feel more confident about doing their school work.

**THANK YOU FOR COMPLETING THE QUESTIONNAIRE!**



## APPENDIX B: STUDENT SURVEY QUESTIONS

### STUDENT SURVEY

1. School Name: \_\_\_\_\_
2. District Name: \_\_\_\_\_
3. Is your school: (**CHECK ONE ONLY**)
  - 1 Elementary
  - 2 Middle/Junior High
  - 3 High school
  - 4 Combined: Elementary-Middle/Junior High
  - 5 Combined: Middle/Junior High and High School
  - 6 Combined: Elementary-Middle/Junior High-High School
4. In what grade are you: (**CHECK ONE ONLY**)
  - 1 Grade 4
  - 2 Grade 8
  - 3 Grade 10
  - 4 Other (**SPECIFY**): \_\_\_\_\_
5. Do you access the library catalog from your classroom?
  - 1 Yes
  - 2 No
6. Do you access other library resources (such as online databases, online encyclopedias) from your classroom?
  - 1 Yes
  - 2 No
7. How many times did you go to your school library in the last month... (**RECORD NUMBER OF TIMES FOR EACH**)  
By yourself \_\_\_\_\_ With your class: \_\_\_\_\_
8. When you go to the school library by yourself, do you go to: (**CHECK ALL THAT APPLY**)
  - 1 Find a book
  - 2 Take an AR test
  - 3 Do school work or a report
  - 4 Use computers
  5. Find information about a personal question or topic
  6. Use audio or video resources
  7. Other reason (**DESCRIBE**): \_\_\_\_\_

9. What is your gender?

- 1 Male                      2 Female

15=1. What is your ethnic/racial background? (**CHECK ONE ONLY**)

- 1 White  
2 Hispanic  
3 African American  
4 Asian American  
5 Native American  
6 Other (**SPECIFY**): \_\_\_\_\_

*Please use the following 5-point scale, ranging from “Very Helpful” to “Not At All Helpful” to rate each of the statements below. If you do not have experience with a statement, please rate it as “Does Not Apply.”*

Very Helpful	Helpful	Somewhat Helpful	Of Little Help	Not At All Helpful	Does Not Apply
1	2	3	4	5	0

**Each statement will have the scale.**

**I. How helpful the school library is with getting information you need.**

11. The school library has helped me know the different steps in finding and using information.
12. The information in the school library has helped me work out the questions for the topics **that** I am **studying**.
13. The school library has helped me find different sources of information (such as books, magazines, CDs, websites, videos) for my topics.
14. The school library has helped me know when I find good information.
15. The school library has helped me find different opinions about my topics.
16. The school library has helped me feel better about finding information.
17. The school library has helped me feel good about asking for assistance when I go there.

**II. How helpful the school library is with using the information to complete your school work**

- 21. The school library has helped me use the different kinds of information sources (such as books, magazines, CDs, websites, videos).
- 23. The school library has helped me locate information relevant to my questions and topics.
- 22. The school library has helped me work out the main ideas in the information I find.
- 23. The school library has helped me get better at taking notes.
- 24. The school library has helped me put new information and ideas together for my topics.
- 25. The school library has helped me put information and ideas in my own words.
- 26. The school library has helped me think about how I should go about finding information next time.
- 27. The school library has helped me appreciate and understand that research takes a lot of time and work.
- 28. The information I have found in the school library has helped me become more interested in my topics and to explore more topics.

**III. How helpful the school library is with your school work in general.**

- \*31. The school library has helped me develop good study habits.
- 32. The school library has helped me get background information for classroom assignments.
- 33. The school library has helped me learn more facts about my topics and find more information on my research questions.
- 34. The school library has helped me when I do not understand some of the things I am learning about.
- 35. The school library has helped me figure out if my own ideas are good or bad.
- 36. The school library has helped me change my mind about some things I thought I knew.

- 37. The school library has helped me figure out my own opinions on **topics**.
- 38. The school library has helped me connect **new** ideas **and information with what** I already **know**.
- 39. The school library **has** helped me **contribute** more in class discussions.
- 3A. The school library has helped me know how to use and give credit to other people's words and ideas.

**IV. How helpful the school library is with using computers in the library, at school, and at home.**

- 41. Computers **and technology** in the school library have helped me do my school work better.
- 42. The school library has gotten me more interested in computers **and technology**.
- 43. Computers **and technology** have helped me find information inside and outside of the school library.
- 44. The school library has helped me search the Internet better.
- 45. The school library has helped me **evaluate and** be more careful about information I find on the Internet.
- 46. Computer programs (like PowerPoint, Word, and Excel) in the school library **have** helped me do my school work.
- 47. The school library has helped me feel better about using computers **and technology** to do my school work.

**V. How helpful the school library is with your general reading interests.**

- 51. The school library has helped me find stories I like.
- 52. The school library **motivates** me **to** read more.
- 53. The school library has helped me get better at reading.
- 54. The school library has helped me enjoy reading more.
- 55. The school library has helped me be a better writer.

**VI. How helpful the school library is to you when you are not at school.**

- 61. The school library has helped me discover interesting topics other than my school work.
- 62. The things I've learned in the school library **have helped** me study at home.
- 63. The school library has helped me get more organized with my homework.
- 64. The school library has helped me find information even when I am not at school.
- 65. The school library lessons have helped me solve problems better.
- 66. The school library **has** helped me when I have a personal concern or an issue.
- \*67. Information in the school library has helped me decide what I need to do about the concern or issue.**

**VII. Now, some general things (ACADEMIC ACHIEVEMENT)**

- 71. The school library has helped me do my school work better.
- 72. The school library has helped me get better grades on my projects and assignments.
- 73. The school library has helped me get better grades on tests and quizzes.
- 74. The school library has helped me **do better on standardized tests.**
- 75. The school library has helped me feel more confident about doing my school work.

**THANK YOU FOR COMPLETING THE QUESTIONNAIRE!**